

STATEMENT OF WORK
FOR
AIRCRAFT MAINTENANCE SUPPORT SERVICES
80th FLYING TRAINING WING
SHEPPARD AFB TX



TABLE OF CONTENTS

TITLE	PAGE	TOTAL PAGES
1. MISSIONS	1-1-1	1
2. APPLICABLE TO ALL SERVICES		
Statement of Work		
Summary of Expectations	2-1-1	20
Service Delivery Summary	2-2-1	1
Government-Furnished Property (GFP) and Services	2-3-1	13
General Information	2-4-1	6
Appendices		
Publications	2A-1	4
3. AIRCRAFT MAINTENANCE AT SHEPPARD AFB		
Statement of Work		
Description of Services	3-1-1	61
Service Delivery Summary	3-2-1	3
Government-Furnished Property (GFP) and Services	3-3-1	1
General Information	3-4-1	13
Appendices		
Publications	3A-1	6
Workload Estimates	3B-1	22
T-37 Flying Hour Workload Data	3BA-1	21
T-38 Flying Hour Workload Data	3BB-1	35
AT-38B Flying Hour Workload Data	3BC-1	17
Maps and Work Area Layout	3C-1	49
Required Reports	3D-1	3
Collateral Tasks (Additional Duties)	3E-1	3
Government-Furnished Property (Facilities)	3F-1	1
Government-Furnished Property (EAID)	3FA-1	22
Government-Furnished Property (NONEAID)	3FB-1	98
Government-Furnished Property (Common Hand Tools and Special Tools)	3FC-1	1062
Government-Furnished Property (ADPE)	3FD-1	9
Government-Furnished Property (Vehicles)	3FE-1	2
Government-Furnished Training	3FF-1	2
OPLANS (Tasked Agency)	3G-1	1
Support Agreements	3H-1	1
Special Training, Certification, or License Requirement	3I-1	1

TOTAL PAGES: 1,475

SECTION 1-1

1.1. 80th FTW MISSION

1.1.1. Multinational organization comprised of 13 nations chartered as the Euro-NATO Joint Jet Pilot Training (ENJJPT) Program to produce fighter pilots for NATO. Fully integrated staff of 1,300 military, civilian and contract personnel, employing 222 T-37, T-38A and AT-38B aircraft flying over 86,000 hours to train 250 student pilots, 120 instructor pilots and 150 Introduction to Fighter Fundamentals (IFF) trainees each year.

1.2. GOALS AND OBJECTIVES

1.2.1. Continually strive to improve the quality of fighter pilot graduates for our NATO customers.

1.2.2. Improve the quality of life for our people.

1.2.3. Promote and support installation excellence.

1.2.4. Preserve our resources by promoting a culture of safety throughout the wing.

SECTION 2-1

2. APPLICABLE TO ALL SERVICES

2.1. Summary of Expectations

2.1.1. The contractor's staff shall be fully trained, professional and customer service oriented. The contractor shall ensure quality work performance in accordance with (IAW) applicable standards and guidelines. Additionally, the contractor is expected to be a partner with the 80th Flying Training Wing (FTW), 82nd Training Wing (host unit) and all other Sheppard AFB communities in continuously improving the quality of programs and service offered to customers.

2.1.1.1. The contractor shall maintain and repair all unit assigned aircraft, engines, and associated mission support equipment IAW the objectives and responsibilities outlined in AF and AETC directives, applicable AF/AETC/unit/base manuals/regulations/plans, instructions, and all applicable equipment and general support technical orders/data in order to meet the Euro-NATO Joint Jet Pilot Training (ENJJPT), Pilot Instructor Training (PIT) and Introduction to Fighter Fundamental (IFF) and any other flying program that supports the mission of the 80 FTW, Sheppard AFB, Texas.

2.1.1.2. The contractor shall perform the aircraft maintenance mission in a professional manner and provide sufficient well-maintained aircraft for pilot and aircrew training needs. The contractor's management shall establish a positive working relationship with wing and host unit leadership and demonstrate an emphasis on quality of service. The contractor shall ensure that the workforce is technically trained and focused on customer support. Training, safety and quality control/assurance programs shall ensure that all maintenance is performed and documented IAW Government directives and technical data to ensure the preservation and serviceability of Government assets. Reference Section 3-1 for Description of Services.

2.1.2. Reimbursable Costs. Notwithstanding any other provisions of the contract, the contractor shall be reimbursed for actual cost incurred for such cost resulting from any action described in either the Statement of Work (SOW) or Section B.

2.1.2.1. Weekend/Holiday flying in accordance with Section B, CLIN 000XAN.

2.1.2.2. Furnishing costs for travel, per diem and fees for conferences, seminars, classes, training, etc. as approved by the Contracting Officer (CO) in accordance with Section B. **Excludes** contractor-provided internal training and aircraft maintenance off-station support as specified in the SOW

2.1.2.3. Providing T-6A off-station recovery on a cost reimbursable basis only in accordance with Section B, CLIN 000XAP.

2.1.2.4. Furnishing mobilization/changeover costs as set forth in Section B, CLIN 0001AA and paragraph 2.1.18 of this Section.

2.1.2.5. Repair of damaged Government property caused by perils such as fire, lightning, windstorm, tornado, cyclone, hail, explosion, civil and military action, aircraft or falling objects therefrom, whenever repair of such damage is beyond the normal capabilities of the contractor as determined by the CO.

2.1.2.6. Whenever costs as defined in paragraph 2.1.2.1 above are incurred by the contractor, are allowable pursuant to FAR 31 and are approved by the CO, the contractor will be directly reimbursed for such costs. There will be no allowance for profit, fee and General and Administrative (G&A) nor will any adjustments be made in the Target Cost, Target Price or Ceiling Price.

2.1.2.7. G&A costs will be computed against the target cost only.

2.1.2.8. Upon proper submission of invoices or vouchers and such other evidence or proof of costs as required by the CO, the Government shall approve, as otherwise provided in this contract, such costs subject to availability and certification of funds or a Supplemental Agreement shall be executed to provide payment therefore.

2.1.3. Personnel

2.1.3.1. The contractor shall exercise management and operational control over, and retain full responsibility for, the performance requirement set forth in this SOW. The Government will not exercise any direct supervision over the contractor's employees performing services under this contract. Observations will be conducted as indicated in paragraph 2.1.17 of this SOW.

2.1.3.2. On-site Management. The contractor shall provide an overall contract manager or alternate(s) physically present during normal duty hours (0700-1600). The contract manager shall be responsible for the overall management and coordination of this contract and shall act as the central point of contact with the Government. The contract manager or alternate(s) shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The contract manager or alternate(s) shall have full authority to submit cost proposals, negotiate changes and sign modifications up to \$500,000. The contract manager or designated alternate(s) shall be available on-site at Sheppard AFB and the site manager or designated alternate(s) shall be available on-site at Sheppard AFB within one hour of notification when contract work is being performed at times other than normal working hours.

2.1.3.2.1. The contractor shall furnish in writing to the CO the names and phone numbers of the contract manager and all contractor management and supervisory personnel not later than contract pre-performance conference (reference Appendix 3J). The CO shall be notified immediately whenever changes are made. The contractor shall provide a listing of all assigned personnel to the CO within the first five workdays of each month and whenever requested by the CO (reference Appendix 3J).

2.1.3.2.2. The contractor shall provide a revised listing of all assigned key personnel (management and supervisory), whenever changes occur, to the CO within five workdays (reference Appendix 3J). The on-site contract manager and alternate(s), functional area managers and branch managers within each functional area are deemed to be key personnel for this contract. The CO will be notified immediately of any proposed replacement of key personnel. Key personnel will not be replaced without prior notification of the CO. If requested by the CO, the contractor shall provide a resume for such replacement personnel prior to employment.

2.1.3.3. Contractor employees shall be subject to substance abuse testing as a result of an AFI 91-204 investigation when an individual's actions or inactions are suspected as factors in a mishap sequence. The CO may identify the employees to be tested and the drugs and substances for which those employees must be tested. The contractor shall accomplish the specified testing using a certified (i.e., a certified lab that meets Department of Health and Human Services (DHHS)/ Substance Abuse and Mental Health Services Administration (SAMHSA) certification) medical substance abuse testing facility. Results of the test(s) shall be provided to the Government solely for the purpose of completing an investigation IAW AFI 91-204.

2.1.3.4. Employees. The contractor shall not use the services of any person in the performance of this contract whose presence or action(s) endangers the health, life, safety, security, general well-being or operational mission of the installation to include equipment and facilities and its population.

2.1.3.4.1. The contractor shall not employ any person who is an employee of the Department of the Air Force (either military or civilian) unless such person has received waivers of any installation policies restricting employment or if such employment would be contrary to the policies contained in AFI 64-106.

2.1.3.4.2. The contractor shall not employ any person who is a spouse or dependent child of a Department of the Air Force employee (either military or civilian) when such Air Force employee would be placed in a conflict of interest or appearance of a conflict of interest by virtue of such employment.

2.1.3.4.3. The contractor acknowledges that off-duty employment of active duty military personnel may interfere with the contractor's ability to perform because such personnel are subject to changes in military duty hours, deployment, temporary duty travel and permanent change of station orders. The abrupt absence of these personnel shall not constitute an excuse for nonperformance under this contract.

2.1.3.5. Personal Appearance. See Section 3-1, Paragraph 3.1.14.

2.1.3.6. Smoking Policy. The contractor and its employees shall comply with the Air Force smoking policy as described in AFI 40-102 and local policies.

2.1.4. Contractor Contingency Plan

2.1.4.1. This contract has been designated as a wartime Skill Critical Contract and the following "key employee" positions within the contract have been designated as wartime Skill Critical Positions:

Positions
Contract Manager (1), Assistant Contract Manager (1), Quality Control (1), Maintenance Operations (2) AGE Maintenance (2), Scheduled Maintenance (2), Egress (2), Structural Maintenance (2), NDI (1), Aero Repair (5), Avionics (1), Propulsion (1), Avionics Dispatch (1), Electro-Environmental (1), Fuel Systems Maintenance (1), T-6A Flight Line (2) (at start of pilot training), T-37 Flight Line (2), AT-38B Flight Line (1) and T-38 Flight Line (2)

2.1.4.2. The contractor shall establish and maintain a complete Contingency Plan that will ensure continuation of services during periods of crisis, such as a national wartime mobilization. One copy of contractor's Contingency Plan shall be provided to the CO not later than 60 days following the contract start date (reference Appendix 3J). The contractor can consolidate changes to the plan and submit them as an updated plan within 30 days after changes occur.

2.1.4.3. The contractor contingency plan shall contain:

2.1.4.3.1. A listing of all contractor employees who have a military mobilization recall commitment (active reserve, inactive reserve, Army/Air National Guard or military retiree under age 60). "Key employees," who are subject to military recall, shall be listed separately.

2.1.4.3.2. A listing of individual replacements, designated by the contractor, for those incumbent "key employees" who are subject to military recall. The contractor shall list the replacement's name and current position within the contract and shall certify that the replacement has the following qualifications:

Sufficient skills to perform the "key employee" duties.

Not subject to military recall.

2.1.4.3.3. If a designated replacement cannot be named from within the contract at the same installation as incumbent "key employee," the contractor shall brief the "key employee" that they are holding a key position within the contract that precludes their membership in the Ready Reserve. The contractor shall then submit a mobilization exemption request (see Section J) to the CO. The contractor shall notify applicable military service reserve center not later than 30 days after an exempted employee is no longer filling a "key employee" position.

2.1.4.5. The contractor shall establish and maintain a Strike Plan (reference Appendix 3J). Changes to the plan shall be submitted to the Administrative Contracting Officer within 60 days of contract start.

2.1.4.6. Government Performance of Service during Labor Strikes/Non-Performance. Due to the critical importance of this service contract, the Government reserves the right to take over performance of this contract in the event of a labor strike or period of non-performance (i.e., bankruptcy, default) by the contractor's employees. In such event, the services will be performed exclusively by AF employees and not a mix of Air Force and non-striking contractor employees. At the direction of the CO, the contractor agrees to remove its non-striking work force from the performance site and not to interfere in any way with Government performance. The contractor further agrees, under such circumstances, to permit the Government to use any essential contractor-furnished property. The Government will equitably compensate the contractor for the use of such property.

2.1.5. Training (see Section 3-1, paragraphs 3.1.10. through 3.1.13.3.5.).

2.1.6. Reserved

2.1.7. Safety

2.1.7.1. The contractor shall establish a safety program for employees which complies with the Occupational Safety and Health Act (OSHA) (Public Law 91-596) and the resulting OSHA Standards 29 CFR 1910 and 1926, including applicable DOD and Air Force Safety Guidelines required to protect Government resources and the general public. The contractor shall comply with Air Force Occupational Safety and Health (AFOSH) Standards or AF safety program instructions only to the extent required to protect AF resources (facilities, equipment, and AF personnel) and the general public. These Air Force Instructions are not to be considered as all-inclusive; the contractor shall use all applicable references; i.e., OSHA, Federal Aviation Regulations, and Technical Orders.

2.1.7.2. Safety Compliance. The contractor is solely responsible for compliance with the OSHA (Public Law 91-596) and the resulting standards, OSHA Standard 29 CFR 1910, 1926, and the protection of their employees. It is the contractor's sole responsibility to make certain that all safety requirements are met. Additionally, the contractor is responsible for the safety and health of all sub-contractor employees. The contractor shall immediately report any accidents involving Air Force property/equipment damage, or contractor personnel injuries occurring on the job to the Contracting Officer. Additionally, the contractor is responsible for securing the scene and impounding evidence/wreckage until released by the Contracting Officer. It will be the Contracting Officer's responsibility to notify the Safety Office. The Air Force's interest is to protect Air Force personnel working in or around contractor operations, and with protection of Air Force equipment/property. In the event an unsafe condition is discovered with Air Force provided facilities or equipment the Safety Office shall be immediately notified by the Contracting Officer. Air Force Safety, Fire Protection, and Bioenvironmental Engineering officials may periodically enter a contractor's workplace to verify working conditions of Air Force personnel, provided the Contracting Officer authorizes such action. If an improper procedure or unsafe condition exists, which places AF personnel or equipment in jeopardy, the Contracting Officer will be notified and appropriate action will be initiated. Department of Labor OSHA inspectors are authorized right of entry to inspect any place of employment operated by an Air Force contractor. They are, for the most part, "NO NOTICE" inspections. NOTE: Notify the Safety Office if an OSHA inspector visits the site unescorted by an Air Force Safety Technician. If an Air Force inspector observes a potential OSHA violation, he/she will report the violation to the Contracting Officer, who will then notify the contractor."

2.1.7.3. Traffic Laws: The contractor shall comply with base traffic regulations.

2.1.7.4. All contractor personnel who operate Government owned vehicles (GOV) or authorized company vehicles on the flight line and hangars shall be properly licensed, certified and authorized IAW AFI 13-213, AFI 24-301, and other applicable directives. Privately owned (personal) vehicles shall not be operated on the flight line or hangars unless authorized by base airfield management.

2.1.8. Security

2.1.8.1. Visitor Group Security Agreement (VGSA). The contractor shall enter into a long-term visitor group security agreement (reference Appendix 3J). This agreement shall outline how the contractor integrates security requirements for service operations with the Air Force to ensure effective and economical operation on the installation. The agreement shall include:

2.1.8.1.1. Security support provided by the Air Force to the contractor shall include storage containers for classified information/material, use of base destruction facilities, classified reproduction facilities, use of base classified

mail services, security badging, base visitor control, investigation of security incidents, base traffic regulations and the use of security forms and conducting inspections required by DoD 5220.22-R, Industrial Security Regulation, Air Force Policy Directive 31-6, Industrial Security, and Air Force Instruction 31-601, Industrial Security Program Management.

2.1.8.1.2. Security support requiring joint Government and contractor coordination includes packaging classified information, mailing and receiving classified materials, implementing emergency procedures for protection of classified information, security checks and internal security controls for protection of classified material and high-value pilferable property.

2.1.8.1.3. On base, the long-term visitor group security agreement may take the place of a Standard Practice Procedure (SPP).

2.1.8.2. Clearance Requirements. The contractor must possess or obtain a **SECRET** facility security clearance from an appropriate Government representative prior to performing work on a classified Government contract. If the contractor does not possess a facility clearance the Government will request one. The Government assumes costs and conducts security investigations for **SECRET** security clearances. The contractor shall request security clearances for personnel requiring access to classified information within 15 days after receiving a facility clearance or, if the facility is already cleared, the personnel must be cleared within 15 days after contract award date (reference Appendix 3J). Due to costs involved with security investigations, requests for security clearances shall be kept to an absolute minimum necessary to perform service requirements. The contractor shall notify the applicable base Servicing Security Forces Organization (SSFO) NLT 30 days before on-base performance of the service (reference Appendix 3J). The notification shall include:

2.1.8.2.1. Name, address and telephone number of representatives.

2.1.8.2.2. The contract number and contracting agency, if applicable.

2.1.8.2.3. The highest level of classified information which contractor's employees require access to.

2.1.8.2.4. The location(s) of service performance and future performance, if known.

2.1.8.2.5. The date service performance begins.

2.1.8.2.6. Any change to information previously provided under this paragraph.

2.1.8.3. Suitability Investigations. All contractor personnel shall successfully complete, as a minimum, a National Agency Check (NAC) before operating

Government furnished workstations. The contractor shall submit these investigation requests for all personnel within 30 calendar days after contract start date. The contractor shall comply with the requirements in DoD 5200.2-R, Personnel Security Program, paragraphs 3-614, 3-401 and Appendix K and AFI 33-119, Electronic Mail (E-mail) Management and Use.

2.1.8.4. Unescorted Entry to Restricted Areas. When contractor employees require unescorted entry to restricted areas, the Government shall submit NAC investigations for the contractor. Contractor employees shall successfully complete a NAC investigation to obtain unescorted entry to a restricted area. The contractor shall comply with DoD 5200.2-R, and AFI 31-501, Personnel Security Program Management, requirements (See Appendix 3C for restricted areas).

2.1.8.5. Pass and Identification Items. The contractor shall ensure the following pass and identification items required for contract performance is obtained for employees and non-Government owned vehicles:

2.1.8.5.1. DD Form 1172, Application for Uniformed Services Identification Card, (AFI 36-3026, Identification Cards For Members of The Uniformed Services, Their Family Members, and Other Eligible Personnel, and AETC Instruction 36-3001, Issue and Control of AETC Civilian Identification (ID) Cards).

2.1.8.5.2. AETC Form 58, Civilian Identification Card (AETCI 36-3001).

2.1.8.5.3. AF Form 2219 (series), Registered Vehicle Expiration Tab (AFI 31-204, Air Force Motor Vehicle Traffic Supervision).

2.1.8.5.4. DD Form 2220, DoD Registered Vehicle and Installation Tab (AFI 31-204).

2.1.8.5.5. AF Form 75, Visitor/Vehicle Pass (AFI 31-204).

2.1.8.6. Retrieving Identification Media. The contractor shall retrieve all identification media, including vehicle decals, from employees who depart for any reason.

2.1.8.7. Listing of Employees. The contractor shall maintain a current listing of employees. The list shall include employee's name, social security number and level of security clearance. The list shall be validated and signed by the company Facility Security Manager and provided to the Administrative Contracting Officer and Servicing Security Forces Organization (SSFO) prior to the contract start date (reference Appendix 3J). Updated listings shall be provided when an employee's status or information changes. The contractor shall ensure sensitive information, i.e., Privacy Act (PA) information is properly marked and protected from unauthorized access, disclosure or manipulation.

2.1.8.8. Security Manager Appointment. The contractor shall appoint a security manager for the on-base long-term visitor group not later than three weeks prior to contract start date. The security manager may be a full-time position or an additional duty position. The security manager shall provide employees with training required by DoD 5200.1-R, DoD Information Security Program Regulation, Chapter 10, AFI 31-4, Information Security, and AFI 31-401, Information Security Program Management. The contractor shall provide initial and follow-on training to personnel who work in Government controlled/restricted areas. Government controlled areas, Air Force Resource Protection Program, and Air Force restricted areas are explained in AFI 31-101, Volume 1, The Physical Security Program.

2.1.8.9. Additional Security Requirements. The contractor shall comply with the directives listed in Appendix 2A and 3A in managing the Computer Security (COMPUSEC), Emission Security (EMSEC), Security Awareness Training and Education (SATE), Telecommunications Monitoring and Assessment Program (TMAP), and the Communication Security (COMSEC) programs. The contractor shall follow AFI 10-1101, Operations Security (OPSEC) Instructions to manage the OPSEC program. In accordance with DoD 5200.1-R and AFI 31-401, the contractor shall comply with AFI 33-202, Computer Security; AFI 33-203, Emission Security (EMSEC) Program; AFI 33-204, Information Protection Security Awareness, Training, and Education (SATE) Program; AFI 33-219, Telecommunications Monitoring and Assessment Program (TMAP); applicable Air Force Cryptographic Operational General Publications (AFKAGs), and AFIs for Communications Security (COMSEC); and AFI 10-1101, Operations Security (OPSEC) Instructions.

2.1.8.10. Freedom of Information Act (FPIA) Program. The contractor shall comply with DoD 5400.7/Air Force Supplement, DoD Freedom of Information Act Program requirements. The instruction sets policy and procedures for the disclosure of records to the public and for making, handling, transmitting, and safeguarding For Official Use Only (FOUO) material.

2.1.8.11. Reporting Requirements. The contractor shall comply with AFI 71-101, Volume 1, Criminal Investigations, and Volume 2, Protective Service Matters. Contractor personnel shall report to an appropriate authority any information or circumstances of which they are aware may pose a threat to the security of DoD personnel, contractor personnel, resources and classified or unclassified defense information. Contractor employees shall be briefed by their immediate supervisor upon initial on-base assignment and as required thereafter.

2.1.8.12. Physical Security. Areas controlled by contractor employees shall comply with base operations plans/instructions for THREATCON procedures, Random Antiterrorism Measures (RAMs) and local search/identification requirements. The contractor shall safeguard all Government property including

controlled forms provided for their use. At the close of each work period, Government training equipment, ground aerospace vehicles, facilities, support equipment and other valuable materials shall be secured.

2.1.8.13. Operating Instructions. The contractor shall develop an Operating Instruction (OI) for internal circulation control, protection of resources and to regulate entry into Air Force controlled areas during normal, simulated and actual emergency operations. The OI shall be written in accordance with AFI 31-209, the local base Operations Plan usually referred to as an OPLAN and AFI 31-210, The Air Force Antiterrorism (AT) Program and coordinated through the SSFO within 30 days of contract start (reference Appendix 3J).

2.1.8.14. Controlled/Restricted Areas. The contractor shall implement local base procedures for entry to Government controlled/restricted areas where personnel will work.

2.1.8.15. Entry Procedures for Controlled Areas. For on-base cleared facilities over-looked by the base SSFO, contractor shall comply with the National Industrial Security Program Operating Manual (NISPOM), previously referred to as the Industrial Security Manual (ISM), to implement controlled area requirements. The SSFO shall approve the establishment, construction, and modification of all contractor designated controlled areas before they may be used to limit access.

2.1.9. Key/Combination Control. The contractor shall:

2.1.9.1. Establish and implement key control procedures to ensure keys issued by the Government are properly safeguarded and not used by unauthorized personnel. The contractor shall not duplicate keys issued by the Government. Contractor employees shall not use keys to open work areas for personnel other than employees engaged in performance of duties, unless authorized by the Government functional representative.

2.1.9.2. Immediately report lost keys to the appropriate Government official. The contractor replaces lost keys or performs re-keying. The total cost of lost keys, re-keying or lock replacement shall be at contractor's cost.

2.1.9.3. Establish procedures in local OIs ensuring lock combinations are not revealed to unauthorized persons and ensure the procedures are implemented within 30 days of contract start (reference Appendix 3J). The contractor is not authorized to record lock combinations without written approval by the Government functional representative. Records with written combinations to authorized secure storage containers or Secure Storage Rooms (SSR), shall be marked and safeguarded at the highest classification level as the classified material maintained inside the approved containers. The contractor shall

comply with DoD 5200.1-R security requirements for changing combinations to storage containers used to maintain classified materials.

2.1.10. Records Management.

2.1.10.1. Records management at the functional level is life-cycle management (creation, maintenance, storage and use, and disposition) of information as a Government record, regardless of the media. The contractor at the functional level shall ensure all official Government-owned records received and created for the Government are maintained in accordance with established Federal Records, Public Law 81-754, DoD and Air Force directives listed in Appendix 2A and 3A. The contractor shall:

2.1.10.1.1. Provide technical assistance to all Government officials (designated decision authorities and Base Records Manager) in support of the Records Management (RM) Program, which includes Electronic Records, Privacy Act (PA) and Freedom of Information Act (FOIA) Programs.

2.1.10.1.2. Appoint a Functional Area Records Manager (FARM) in support of the Records Management, PA and FOIA Program.

2.1.10.1.3. Manage all official Government records (regardless of media) that are maintained for all services provided.

2.1.10.1.4. Assist customers in preparing files maintenance and disposition plans.

2.1.10.1.5. Prepare and maintain a copy of the Records Information Management System (RIMS) file plan.

2.1.10.1.6. Conduct staff assistance visits to customers as necessary.

2.1.10.1.7. Maintain active and inactive files.

2.1.10.1.8. Create, maintain and dispose of records in accordance applicable directives, public laws and statutes.

2.1.10.1.9. Prepare records, complete applicable records and provide shipment of records requiring staging or retirement to the Federal Records Center.

2.1.10.1.10. Maintain electronic records using an Air Force-approved electronic records keeping system.

2.1.10.1.11. Convert paper-based data, i.e., manuals, instructions, regulations, technical orders, etc., to electronic media when this action enhances customer

service. This process shall be accomplished through the use of an Air Force-approved imaging system.

2.1.10.1.12. Segment and control access security and safety of records according to record sensitivity.

2.1.10.1.13. Publish notices of all new and revised Privacy Act Systems of Records in the federal register prior to system implementation.

2.1.10.1.14. Conduct searches for records in response to a FOIA/PA request from the general public, functional requests or an official request from an Air Force or Government official.

2.1.10.1.15. At the functional level, provide copies of requested records within statutory deadlines to the appropriate Government official for release determination.

2.1.10.1.16. At the functional level, ensure “For Official Use Only” (FOUO) material is properly marked and safeguarded in accordance with applicable directives.

2.1.10.1.17. Ensure sensitive information subject to Public Law 100-235 (Privacy Act information) is properly protected from unauthorized access, disclosure, or manipulation.

2.1.10.1.18. Convert from using paper-based, for example, manuals, instructions, regulations, technical orders, technical drawings, etc., to electronic media whenever made available by the Government.

2.1.11. The contractor shall perform the following collateral duties:

2.1.11.1. The contractor shall perform all duties and tasks required as the historical report monitor IAW AFI 36-2863 (see Appendix 3E).

2.1.11.2. The contractor shall perform all duties and task required as the privacy act monitor (see Appendix 3E).

2.1.11.3. The contractor shall perform all duties and tasks required as the Freedom of Information Act Monitor (see Appendix 3E).

2.1.11.4. The contractor shall identify in writing certain personnel to pick up computer products, receive/issue turn-in to DRMO, take receipt/notification of messages, sign accountable container receipt and sign for classified containers (see Appendix 3E).

2.1.12. Coordination On Various Plans/Agreements And To IDEA (Innovative Development Through Employees Awareness) Program Submissions

2.1.12.1. The contractor shall provide input to various plans/agreements such as Host Tenant Support Agreements (HTSAs), Inter-Service Support Agreements (ISSAs), Operations Plans (OPLANs), Exercise Plans (ExPlans), etc. The contractor shall evaluate IDEA Program submissions.

2.1.13. Conservation Of Utilities. The contractor shall instruct employees in utilities conservation practices. The contractor shall be responsible for operating under conditions that preclude the waste of utilities, which shall include:

2.1.13.1. Lights shall be used only in areas where and when work is actually being performed except for the aircraft parking area, areas controlled by automatic sensors and as needed on buildings and facilities for security reasons.

2.1.13.2. Mechanical equipment controls for heating, ventilation and air conditioning systems shall not be adjusted by contractor personnel, except in an emergency.

2.1.13.3. Water faucets or valves shall be turned off after required usage has been accomplished.

2.1.13.4. The Contractor's Utilities Management Program shall be IAW applicable directives and subject to inspection by the Base Civil Engineering Utilities Conservation Officer or the CO.

2.1.14. Reserved.

2.1.15. Protection Of Safety Information Resulting From Investigations Of Air Force Mishaps. The contractor will be provided sanitized safety information from previous mishaps in order to use the lessons learned from these mishaps. The information is to be used solely for mishap prevention purposes within the contractor organization and no further dissemination is authorized. Only those contract personnel directly involved in maintenance operations or training shall have access to the sanitized safety information. Written safety information shall be returned to the Air Force Safety Office that provided the information. Retaining copies of the written information provided by the Air Force is not authorized. Contractor shall ensure that all personnel receiving and/or utilizing this information shall abide by these restrictions.

2.1.16. Protection Of Competition-Sensitive Information

2.1.16.1. In the performance of this contract, the contractor shall access Government information in its Application Support Environment (ASE) databases, also known as the "Deficiency Report Tracking System," in order to initiate, send, track, and respond to deficiency reports as specified in TO 00-

35D-54. Access to specific databases will be controlled by the Government based on mission requirements and access is limited to the GO21 database for T-37 and T-38 aircraft, including associated engines and support equipment, and the DB15 database upon delivery of T-6A. This system supports, or will support, one or more "competition-sensitive" contractors' past performance evaluation and rating systems. The contractor agrees that information obtained from any ASE databases, or a successor system, will not be used for any purpose other than performance of this contract. In addition, the contractor shall:

2.1.16.1.1. Limit access to contractor employees requiring access to the information in order to perform this contract or to effectively manage its performance.

2.1.16.1.2. Obtain a written agreement from each employee working under this contract which states the employee will not disclose "competition-sensitive" information except to other contractor employees requiring access to the information for performance or management of this contract. The agreement shall continue in effect after completion or termination of this contract.

2.1.16.2. "Competition-sensitive" information is all quality data on any contractor listed in any ASE databases. This data may be used as a source selection evaluation factor or an evaluation factor in another solicitation evaluation technique, accumulated to compute a quality performance rating or a computed rating.

2.1.17. Government Observations. The 80th FTW Commander will be responsible for continuous observation of the contractor's performance under the contract. The commander will exercise these responsibilities through Government QA Personnel, Wing/Group staff and in connection with frequent visits by USAF/AETC Inspector General, USAF/AETC/19AF staff agencies, and other authorized Government personnel who shall be permitted to observe contractor operations as necessary to ensure that the contract standards are met. All observations of incomplete or defective performance will be recorded and written notices issued by the CO will require the contractor to reply, in writing, to the CO within five workdays after receipt, giving reasons for the less than acceptable condition, the corrective action, and procedures to prevent recurrence. The Government reserves the right to review the contractor's certification and recertification program at any time.

2.1.18. Contractor Mobilization/Changeover

2.1.18.1. Incumbent Contractor Follow-on. In the event a follow-on contract is awarded to the incumbent, the incumbent contractor shall follow the mobilization/changeover plans for all functional areas as proposed in the technical proposal and incorporated into the contract. As these plans have been accepted by

the CO by award of the contract, any changes considered necessary to the plans after award, including prior to the contract performance start date, shall be approved by the CO prior to making the change. A change may be suggested by either the contractor or Government personnel.

2.1.18.2. Incumbent Contractor Changeover.

2.1.18.2.1. The Government reserves the right to conduct site visits in all contractor operated facilities in conjunction with the solicitation of offers for a follow-on contract.

2.1.18.2.2. In the event the follow-on contract is awarded to other-than-the-incumbent contractor, the incumbent contractor shall provide all reasonable support to the Government and the successful offeror to ensure an orderly changeover and minimize any impact on the entire operation. With regard to the successor contractor's access to incumbent employees, a recruitment notice may be placed in each facility.

2.1.18.2.3. The incumbent contractor shall provide sufficient numbers of personnel to conduct a joint inventory of all Government-furnished equipment (GFE), Government-provided facilities, publications, accounts, records, etc., with the successor contractor and Government personnel to ensure inventories/accounts are accurate and complete. The incumbent contractor shall ensure shortages, equipment/tool condition issues and other contract requirement issues are rectified prior to relinquishing GFE accounts to the Government.

2.1.18.2.4. Any costs associated with finalizing the contract after the end of the final contract period (after successor contractor changeover) shall be included in the Non-Target Cost in Section B. If award is made to the incumbent contractor, this cost will be inapplicable.

2.1.18.3. Successor Contractor Changeover.

2.1.18.3.1. In the event the follow-on contract is awarded to other-than-the-incumbent contractor, the successor contractor shall follow the changeover plan as proposed in its technical proposal and incorporated into the contract. As the CO has accepted this plan by award of the contract, the CO prior to making the change shall accept any change considered necessary to the plan after award. Either the contractor or Government personnel may suggest a change.

2.1.18.3.2. The successor contractor shall jointly work with the existing work force to assume full responsibility of all functional areas on the contract performance start date. The successor contractor's mobilization/changeover schedule shall be coordinated with all affected activities and managed to

preclude any adverse impact on the flying missions. The successor contractor shall provide sufficient number of personnel to conduct a joint inventory of all Government-furnished equipment (GFE), Government-provided facilities, publications, records, accounts, etc., with the incumbent contractor and Government personnel to ensure inventories/accounts are accurate and complete. The successor contractor shall ensure shortages and excesses are identified prior to assuming GFE accounts from the Government.

2.1.18.4. The contractor shall be paid for mobilization/changeover costs as stated in Section B. Government QA Personnel will monitor the contractor's mobilization/changeover to ensure strict compliance with the approved mobilization plan.

2.1.18.5. Mobilization/Changeover Schedule. Contractor mobilization/changeover shall be accomplished with the objective of becoming one hundred percent self-sufficient per the contractor's Mobilization/Changeover plan.

2.1.18.6. The Government will provide office space with furnishings (1 room) for the contractor's mobilization/changeover efforts. The contractor is responsible for office equipment, administrative supplies, and commercial telephone/communication service(s).

2.1.19. Administrative Support

2.1.19.1. Correspondence. The contractor shall prepare all correspondence relating to maintenance management required in the execution of the services required by this SOW. The correspondence that is SOW-related shall consist of but not be limited to replies, requests for depot assistance, reports, and routine correspondence to the base/installation or other activities. Messages shall be prepared IAW AFMAN 33-326. All correspondence between the contractor and Government, to include all electronic correspondence (e-mail and fax) shall be courtesy copied (CC) to the Government QA office.

2.1.19.2. Records. All records, files, documents and working papers provided by the Government and/or generated for the Government in the performance of this contract become and remain Government property. They shall be maintained IAW AFI 33-322 and all other pertinent directives as supplemented. Records shall be disposed of only as authorized by applicable portions of AFMAN 37-139. All records may be subject to the Freedom of Information Act and/or the Privacy Act. All reports, records, files, documents, maintenance policies/operating instructions and working papers shall be made available to Government QA Personnel, as requested.

2.1.19.2.1. The contractor shall maintain files for Government records, IAW Air Force 33- and 37- series instructions listed in Appendixes 2A and 3A. Records shall be provided as requested under the Freedom of Information Act

and the Privacy Act of 1974 IAW applicable directives. Contractor shall compile records as requested by the CO in support of a Freedom of Information Act request.

2.1.19.3. Required Reports. The contractor shall furnish to the Government required reports and summaries as listed in Appendix 3D. A courtesy copy of all reports to the Government shall be supplied to the Chief Government QA. The Government will have unlimited rights to use, duplicate, or disclose such reports in whole or in part, in any manner and for any purpose whatsoever, and to permit others to do so.

2.1.19.3.1. The contractor shall support and participate in surveys, studies and tests of systems upgrades and changes relating to computer hardware, software, systems, etc.

2.1.19.3.2. The contractor shall provide updates to historical data and appendices when a need exists as determined by the CO.

2.1.20. Government and Contractor Directives/Instructions/Regulations.

2.1.20.1. All work performed by the contractor shall be IAW the instructions, standards and procedures contained in applicable technical orders/data. The contractor shall also comply with all mandatory regulations and instructions or applicable portions thereof, as specified herein. The contractor shall follow the intent of directives listed as being for guidance.

2.1.20.2. Publications that apply to the SOW are listed in Appendix 3A. The publications have been coded as mandatory or advisory. The contractor is obligated to follow those publications and use those forms coded as mandatory to the extent specified in other sections of this SOW. The contractor shall use those publications/forms coded advisory to the extent necessary to accomplish requirements in this SOW. The Government will provide paper copies or electronic access to all publications and forms listed at the start of the contract.

2.1.20.3. Where the contractor is permitted to use Air Force and other Government publications or directives as an advisory guide (see Appendix 3A) rather than for mandatory compliance in the performance of this contract, the contractor may deviate from the directive using the following procedures:

2.1.20.3.1. Develop and keep current a published manual of contractor directives, specifically delineating the contractor's responsibilities and actions that deviate from the applicable Government directive(s).

2.1.20.3.2. Comply with the intended effect or product contemplated.

2.1.20.3.3. Numbered IAW AFI 37-160, Volume 7; and, not conflict with any

portion of this SOW. The primary objective of any requested deviation shall be to improve the quality, timeliness, efficiency, or economy of operations for Government benefit and shall be documented on the contractor directive.

2.1.20.4. All accepted contractor directives shall be the basis for inspection and surveillance of the contractor's performance except that the terms and conditions of this contract shall take precedence in the event of a conflict. Any disagreement between the parties on wording/interpretation will be resolved between the contractor and CO.

2.1.20.5. Contractor directives shall be submitted to the CO for review and acceptance not later than the pre-performance conference and upon subsequent revision(s) (reference Appendix 3J). The contractor shall review and update all contractor directives at least annually.

2.1.20.6. Applicable Air Force or other Government directives shall be the basis for inspection surveillance or rating of areas where contractor directives have not been issued and accepted.

2.1.20.7. The Government will have unlimited rights to use, duplicate, or disclose such contractor directives, in whole or part, in any manner and for any purpose whatsoever.

2.1.20.8. In the event the follow-on contract is awarded to other-than-the-incumbent contractor, the incumbent contractor's directives shall be made available to the successor contractor for information purposes until the successor contractor directives are published and accepted by the CO.

NOTE: Contractor directives are subject to review by the Government at any time to validate currency and applicability and may be rescinded or disallowed by the Government at any time. The Government may disallow existing contractor directives within this review process.

2.1.20.9. When changes are made to directives, the contractor shall review the changes to assure contractor is obtaining end results intended by the changed directives. Where the contractor is permitted to use AF or other Government directives as guidance rather than for mandatory compliance in the performance of this contract, the contractor shall be governed by the intended effect or product contemplated by the instructions, directives or regulations referenced.

2.1.20.10. The CO, in coordination with applicable Government QA Personnel, will monitor the contractor's compliance with AF and other Government directives that are used as guides. If the CO, in coordination with applicable Government QA Personnel, determines the contractor has deviated significantly from those directives to be used as guides, the CO will request the contractor initiate and keep current a published manual of contractor directives/instructions/regulations. This

manual will specifically delineate the contractor's responsibilities and actions. All of the above contractor directives/instructions/regulations will be submitted to the CO for acceptance.

2.1.20.11. If deemed necessary by the CO, approval can be withdrawn for all or parts of a directive/instruction/regulation if the intended end product is not being attained using procedures in the directive/instruction/regulation.

2.1.20.12. Accepted contractor directives/instructions/regulations will be the basis for inspection and surveillance of those areas. Where there are no mandatory Government directives/instructions/regulations, the contractor must strictly adhere to performance of required services. The intended effect or product contemplated by applicable AF and other Government directives shall be basis for inspection and surveillance of areas where contractor directives/instructions/regulations have not been issued and approved.

2.1.20.13. The Government will have full and unlimited rights in the contractor directives/instructions/regulations. The contractor's administration policies such as leave, cost of living increases and payment of debts will not require CO approval unless the issuance of such a regulation would create an actual or anticipated contract cost increase. A disagreement between the parties hereto on wording or approval of a contractor regulation shall constitute a "dispute" within the meaning of that term as set forth in the clause contained in the contract clauses entitled "Disputes" and disposition will be made accordingly. All maintenance not covered by the directives listed herein will be governed by best commercial and industrial practices and that prime manufacturer's commercial data that applies to each subsystem.

2.1.20.14. The terms and conditions of this contract shall take precedence in the event of a conflict between the contract and the contractor's directives/instructions/regulations.

2.1.21. Emergency Plans and Services.

2.1.21.1. The contractor shall support all tasks outlined in publications listed in Appendix 3G including AFI 31-210, Attachment 3, and any future OPLANS developed in support of the base.

2.1.21.2. Reserved

2.1.21.3. Emergency Services. Services may be required to support an activation or exercise of contingency plans, emergency leave, and short notice temporary duty (TDY) outside the normal duty hours. When required by the CO, the contractor shall respond to emergency situations (e.g., structural fires, accidents, etc.). The contractor shall provide these services as required by the CO. Extended service hours will be negotiated under the "Changes" clause. On occasion, the

contractor's service may not be required, or may be required at reduced level of service (e.g., alerts, disaster situations, or other situations as required). The CO will notify the contract manager/site manager or alternate if this should occur. A surge in the contract requirements beyond the capability of the contractor may be augmented by the Government at its option when the Government perceives that mission accomplishment is endangered.

2.1.21.4. Disaster Preparedness. The contractor shall support the Disaster Preparedness program as outlined in AFI 32-4001, Chapter 1. The contractor shall designate in writing, prior to the start of the contract, an individual to act as a disaster preparedness representative. The representative shall be a member of the applicable base Chemical Warfare Working Group. The Government shall provide designated shelter space for contractor employees.

SECTION 2-2

2.2. SERVICE DELIVERY SUMMARY

See section 3-2.

SECTION 2-3

2.3. GOVERNMENT-FURNISHED PROPERTY AND SERVICES

2.3.1. Government-Furnished Property (GFP)

2.3.1.1. General. Government facilities and equipment will be used by the contractor in the performance and under the terms of this contract. Any additional equipment or facilities determined necessary will be justified through the channels prescribed for the item in question.

2.3.1.2. Facilities

2.3.1.2.1. Government shall furnish and/or make available facilities described in Appendix 3F.

2.3.1.2.2. The Government will retain the right to evaluate and validate assets and requirements through periodic facility utilization surveys. These surveys may be used by Real Property Management to compress space assigned and to ensure maximum effective use and conformity with criteria as specified in AFI 32-1024, Standard Facility Requirements.

2.3.1.2.3. The contractor shall appoint facility managers for assigned facilities and the Government will provide necessary training. Facility managers will perform duties IAW AFI 32-9002 and applicable command and local regulations. Facilities have been inspected for compliance with the Occupational Safety and Health Act (OSHA). Any hazards for which work-arounds have been established are included in Appendix 3F. The Government will correct these hazards IAW base-wide Government-developed plans of abatement taking into account safety and health priorities. A higher priority for correction will not be assigned to facilities provided hereunder merely because of this contract initiative. The identification of any hazardous conditions does not warrant or guarantee that no other possible hazards exist, or that the work-around procedures currently employed will be adequate to meet the responsibilities of the contractor. Compliance with OSHA and other applicable laws and regulations for the protection of employees is exclusively the obligation of the contractor, and the Government will assume no liability or responsibility for the contractor's compliance or noncompliance with such requirements, with the exception of the aforementioned responsibility to make correction IAW approved plans of abatement subject to base-wide priorities.

2.3.1.2.4. When approved, the Government will furnish such additional facilities or equipment or arrangements will be made with the contractor to furnish like facilities and equipment in compliance with the Statement of Work (SOW).

2.3.1.2.5. Prior to any facility modification, the contractor shall notify the Base Civil Engineer and provide documentation describing in detail the modification requested IAW paragraph 2.3.2.16. No alteration to the facilities shall be made without concurrence of the Base Civil Engineer and specific written permission from the CO; however, in the case of alteration necessary for OSHA compliance, such permission shall not be unreasonably withheld.

2.3.1.2.6. The contractor shall identify requirements for new and/or additional facilities and/or repair to existing facilities by preparation and submission of requirements to Base Civil Engineering.

2.3.1.2.7. Periodically, the Government will require use of identified facilities (i.e., hangars or other facilities as required) for special events, i.e., Change of Command Ceremony, etc. The Government will coordinate use of these facilities with the contractor. The contractor shall be responsible for facility clean-up prior to the event. The Government will be responsible for set-up and clean-up after use.

2.3.1.2.8. All heating, cooling, electrical, lighting, water, air, fire detection, suppression systems and power producing equipment in Government-furnished facilities that are not specifically referenced in applicable directives as a building manager or user responsibility will be maintained by the Government.

2.3.1.3. Equipment

2.3.1.3.1. Equipment. The Government will provide the contractor equipment listed in this SOW and Appendices 3FA, 3FB, 3FC, and 3FD. Government furnished equipment shall be managed IAW provisions of AFMAN 23-110, Vol. 2, Part 2, Chapter 22 and AFMAN 23-110 Vol. 2, Part 13, Chapter 8. The procedures specified are in addition to those required by the Government Property clause of this contract.

2.3.1.3.1.1. Equipment Inventory. Not later than five days prior to start of the basic contract period, the Government will provide equipment custodians and their alternates initial custodial training (Base Level Supply Customer Training). A joint inventory will be conducted and signed by the contractor IAW the contractor mobilization/changeover schedule, the Government Property clause Sec. I, and paragraph 2.3.1.3.1.3. and paragraph 2.3.1.3.12. of the SOW and per the Mobilization/Changeover Plan incorporated into the contract. The inventory will include all the Government furnished equipment for each area of responsibility as listed in the inventory document (ref paragraph 2.3.1.3.1.3.). The inventory must be completed prior to, but not later than, the date of full assumption. **Costs associated with the inventory shall be included in the Mobilization/Changeover costs.** Any additional hours required will be negotiated separately. If a follow-on contract is awarded to other-than-the-incumbent, the incumbent contractor, successor

SHEPPARD AFB AIRCRAFT MAINTENANCE

contractor and Government personnel shall jointly determine the working order and condition of all equipment. Items of equipment missing or not in working order shall be recorded. The incumbent contractor shall conduct a pre-inventory and replace missing items and/or repair all items not in satisfactory working order by follow-on contract start date. The CO may, at the Government's option, require the successor contractor to replace or repair items missing or damaged. The successor contractor will be reimbursed and the incumbent contractor charged IAW paragraph 2.3.1.3.1.2. Government personnel will give disposition instructions for items beyond repair. The incumbent contractor, successor contractor, and Government personnel shall certify their agreement as to the working order of the equipment. If the successor contractor does not participate in the inventory, the contractor must accept as accurate the listing and stated condition of equipment provided by the Government. If the incumbent contractor or successor contractor participates in the inventory, but does not agree with Government personnel's determination as to the working order of the equipment, resolution will be determined by the CO.

2.3.1.3.1.2. Equipment Accountability. Prior to completion of the contract a joint inventory of equipment shall be conducted by the contractor and the Government. The inventory schedule will require approximately six contractor employees, for a period of eighty hours to accompany Government personnel during the inventory. Any additional hours required will be negotiated separately. The contractor shall be liable for loss or damage to Government-furnished property beyond fair wear and tear IAW the Government property clause of the contract. Compensation shall be effected either by reduced amounts owed to the contractor or by direct payment by the contractor, the method to be determined by the CO. All equipment in need of repairs/maintenance shall be repaired by the contractor within 30 calendar days of discovery, but before the joint inventory is made. All repair/maintenance not performed by the contractor shall be made at the Government's option and at the contractor's expense. In the case of damaged property, the amount of compensation due the Government by the contractor shall be the actual cost of repair, provided such amount does not exceed the economical repair value. In the case of loss or damage beyond economical repair to equipment, the amount of the contractor's liability shall be the depreciated replacement value of the item to be determined by the CO (See paragraphs 2.3.1.3.8. and 2.3.1.3.9. for common hand tools and special tools).

2.3.1.3.1.3. Inventory Procedures and Inventory Document. The contractor shall conduct Government property/equipment inventories IAW applicable FAR clauses as directed by the contract. Additionally, Government property listed in Appendices 3FA, 3FB, 3FC and 3FD shall be the basis for the initial inventory. At contract performance start date, the contractor shall provide and maintain an accurate and consolidated inventory method and document of all Government property and equipment. The inventory document format must

SHEPPARD AFB AIRCRAFT MAINTENANCE

be accepted by the Government. The contractor shall update the inventory documents as changes occur and provide an updated document to the Government, as a minimum, on a monthly basis. The current/updated document will be the basis for Government Quality Assurance (QA) Personnel surveillance and inventory. The contractor shall provide additional copies of the current inventory document to the CO. After validation of the annual inventory by the contractor, a copy of the updated inventory shall be provided to Government QA Personnel and the CO. Additional inventory documents shall be provided as directed by the CO. Except as specified in the applicable FAR clause, the CO will determine the dollar threshold for Government property and equipment to be inventoried. This dollar threshold does not apply to tools. The contractor shall inventory all tools. The contractor shall identify all tools purchased under a warranty program by inserting an "X" under a warranty column in all tool inventory documents. The Government will provide to the contractor an "initial issue" of Government directed mission/requirement changes which result in additional tools/equipment requirements. These tools/equipment shall not be coded as Government-furnished for replacement unless approved by the Government.

2.3.1.3.1.4. Equipment/Munitions Accounting. Government-furnished equipment assigned Equipment Management codes 2 through 5 are accounted for on Equipment Authorized In-Use Details (EAID) under provisions of AFMAN 23-110, Volume 2, Part 2, Chapter 22, and AFMAN 23-110, Volume 2, Part 13, Chapter 8. Contractor shall designate custodians and alternates to receipt and account for Government-furnished Special Purpose Repairables Authorized Maintenance (SPRAM) and EAID equipment on custodian authorization/custody receipt listings of these details. SPRAM and EAID equipment are designated in the appendices. Government-furnished munitions items required for aircraft support will be forecasted, requested, accounted for, and controlled in accordance with TO 00-20-9, Section 1, AFI 21-202, Combat Ammunition System Procedures and AFI 21-112, Aircrew Egress and Escape Systems. The contractor representative assumes commander responsibilities and appoints representatives/custodians as required.

2.3.1.3.2. Additional or Replacement Equipment. The contractor shall submit requests for additional or replacement Government-furnished EAID equipment required in performance of the contract, using procedures outlined in AFMAN 23-110, Volume 2, Part 2, Chapter 22. Only equipment authorized by the Allowance Standard (AS) will be approved. HQ AETC must approve requests for applicable changes to AS authorizations prior to requisitioning. Government-furnished EAID equipment the contractor determines as excess may be turned in to base supply without requisitioning replacement. The contractor shall submit all change requests through Government QA Personnel to CO for approval and any appropriate contract modification. Upon approval, contractor shall obtain replacement EAID equipment by placing orders for items through Standard Base

SHEPPARD AFB AIRCRAFT MAINTENANCE

Supply System (SBSS) using operating funds provided by the Government for that purpose.

2.3.1.3.3. Equipment Leased By the Government. The Government will maintain and repair equipment leased/rented by the Government and provided to the contractor, except in the case of loss or damage beyond fair wear and tear. The contractor's liability shall be to reimburse the Government for 100 percent of all expenses incurred. The provisions of the Government lease agreements setting forth liability for loss or damage to leased equipment will be made available for the contractor's inspection upon request to the CO.

2.3.1.3.4. Materials. The Government will furnish all Department of the Air Force, Department of Defense, local forms, operating memoranda, regulations, instructions and technical orders/data required (reference appendixes 2A and 3A). Some or all publications, forms, memoranda and technical data will be made available in electronic format only. Those publications, forms, memoranda and technical data that are not available in electronic format will be provided to or made available to the contractor at contract start. Government-furnished forms will be used when applicable, unless otherwise authorized by the CO. The contractor shall establish requirements through local Government/base electronic distribution center. Contractor shall appoint a Customer Account Representative (CAR) and alternate no later than contract start date who will perform duties IAW AFI 37-161 and a Technical Order Distribution Office (TODO) representative and alternate who shall perform duties IAW TO 00-5-2 (See Appendix 3A).

2.3.1.3.5. The Government will furnish spare parts, bench stock, consumables and those tools listed as Government-furnished, to repair the assigned aircraft and equipment, and transient aircraft, within the contractor's repair capability. The contractor shall obtain furnished items by requisition/local purchase utilizing procedures in AFMAN 23-110. At the end of the contract, the contractor shall return all residual inventory to the Government.

2.3.1.3.5.1. Supply training courses outlined in AFMAN 23-110, Vol 2, Part 13 and AFI 36-2201 will be provided to the contractor by the Government. When ordering items from forward supply points (decentralized warehouse) facilities, contractor must pick up parts within designated time criteria.

2.3.1.3.5.2. Investment type equipment (3080 funds) shall be purchased by the contractor as directed by the ACO. Purchase of this equipment shall not constitute a basis for adjustment in target cost or target profit.

2.3.1.3.6. The Government will provide supplies not available through commercial sources required to meet specific contract obligations in this SOW, i.e., T.O. binders and paper copy T.O.s, those not available electronically. Commercial source items are those items that can be procured by the general public.

SHEPPARD AFB AIRCRAFT MAINTENANCE

2.3.1.3.7. The Government will supply the material to manufacture all local manufacture items and items listed as GFM in Appendix 3FB.

2.3.1.3.8. At the beginning of the contract the Government will furnish the common hand tools, special tools, local manufactured special tools and tool boxes specified in Appendix 3FC. Many special and local manufactured special tools are annotated with "local man" or "LMFG" in the Stock/Part Number column of 3FC. When tool and/or tool box replacement becomes necessary due to ordinary wear and tear, the contractor shall replace all common hand tools with items of equal or higher quality, which have a minimum of a five-year warranty, at the contractor's expense. However, the Government will replace those items listed in Appendix 3FB indicated as Government-furnished. All contractor procured replacement tools and tool boxes shall become and remain Government property.

2.3.1.3.8.1. All tools the contractor determines to be over and above organizational requirements shall not be turned into the applicable base supply for disposition. They shall be turned into the contractor's property manager and stored in a central location. The tools shall be listed on the inventory document as Consolidated Tool Kit (CTK) Number 9999. These tools are not considered "spares," and shall not be re-issued to replace tools the contractor is responsible for replacing under this contract. Tools shall be maintained in a serviceable condition. If the contractor re-issues the tools, the inventory document shall be updated to provide the new location. At the end of the contract, the contractor shall return all tools listed on the inventory document to the Government.

2.3.1.3.8.2. Tools with a warranty shall be identified with an "X" under the warranty column in Appendix 3FC. Warranty tools requiring replacement will be requested through the vendor. The contractor will replace warranty tools that are damaged due to abuse, loss, or misuse and whose warranty is not honored by the vendor for any reason. At the end of the contract, the contractor shall return to the Government all tools listed in Appendix 3FC.

2.3.1.3.9. Repair of Government Property Damaged by the Contractor. Liability for repair of damaged Government property shall be governed by terms of the "Government Property" clause and "Ground and Flight Risk" clause set forth in the contract clause of this contract. In those instances where the CO determines that an equitable adjustment in the contract price is appropriate for the repair/restoration shall be subject to negotiation between the CO and the contractor, provided, however, that where the damage is caused by the contractor, the ultimate remuneration negotiated will be limited to actual costs incurred, excluding profit.

2.3.1.3.10. Provisions of AFI 23-111 and Federal Acquisition Regulations govern accounting for Government property lost, damaged, or destroyed while in the contractor's possession.

SHEPPARD AFB AIRCRAFT MAINTENANCE

2.3.1.3.11. Government Property Control. The contractor shall submit a written, comprehensive Property Control Plan covering all Government materials and equipment issued listed in the SOW and the appendices of this contract. The plan must outline how the contractor will control, account for and inventory all Government property, including property under the control of subcontractors. The contractor may utilize existing automated inventory control systems to augment, but not substitute for, an overall property control program. The plan must be submitted to the CO not later than the pre-performance conference for review and acceptance (reference Appendix 3J). Proposed changes to the plan must be reviewed and accepted by the CO prior to implementation. For Support Equipment, "custodian" is defined as the contractor. Span of control is defined as all of those shops, hangars, flight lines and support areas under the responsibility of the contractor.

2.3.2. Government Provided Services.

2.3.2.1. Government will furnish utilities related services required for the operation of facilities provided. These utilities include heating, fuels, gas, electricity, water and sewerage.

2.3.2.2. Postal/Installation-Distribution. Official Government/Contractor mail that is addressed to or from a Government agency and generated as a result of performance under this SOW will be handled via the Base Information Transfer System (BITS) at Government expense. Number and place of pickup/delivery points will be determined per organizational structure. BITS shall have authority to determine all pickup/delivery points. Non-Government mail to or from the contractor must be handled through a non-DOD post office.

2.3.2.3. Telephone. The Government will furnish official on-base, local area off-base and long distance telephone service including digital switching network (DSN) and commercial long distance (for example FTS 2000) capability to make necessary Government official telephone calls to perform the contract. DSN capability will be provided for command and control purposes. Government furnished telephones and services shall not be used for personal business. The contractor must provide its own non-Government telephone service through off-base switching equipment for personal or unofficial business. The contractor shall perform all duties and tasks required of the telephone control officer (TCO) using AFI 33-111 for guidance (see Appendix 3E).

2.3.2.4. Copier Service. Copier Service will be provided by the Government through the contract service available to all base organizations. The contractor shall follow guidelines as set down in the handbook "Responsibilities and Instructions for Office Copier Monitors at Sheppard AFB." Copier service will include the use of a suitable machine, as determined by the Base Copier Manager, full service maintenance to include parts and labor, and supplies, excluding paper stock (paper and toner will be

SHEPPARD AFB AIRCRAFT MAINTENANCE

ordered procured through base supply). On-call maintenance service will be available 0700-1630, Monday through Friday, excluding Federal holidays and the 80th FTW down days. There will be no cost to the contractor for this service unless the contractor's usage exceeds the authorized production limits as provided to the contractor's copier monitors in writing by the Base Copier Manager. The Government reserves the right to charge the contractor for copies exceeding established production limitations. All usage of the Government provided copiers by the contractor will be for official Government use only.

2.3.2.5. Refuse Collection. The Government will provide garbage, trash and refuse pickup and disposal service from outdoor refuse containers.

2.3.2.6. The Government will provide temporary storage facilities for hazardous chemicals and waste generated and accumulated by the contractor in the course of the maintenance activities required by this SOW. The contractor shall be responsible to maintain these facilities in accordance with custodial requirements, fire, safety and security.

2.3.2.7. Insect and Rodent Control. The Government will furnish insect and rodent control for contractor-utilized Government-provided facilities, to control only pests that have the potential to spread disease or inflict injury to building occupants. The Government will control the following pests: ants, roaches, bees, wasps, hornets, fleas, ticks and rats. If any of the above listed pests become a serious infestation, Government will provide required pest control services to eliminate the pests. After the pest is controlled, it will be the occupant's responsibility to maintain their facility pest free.

2.3.2.8. Grounds Maintenance. The Government will provide grounds maintenance, except as noted in paragraphs 3.1.21.4.

2.3.2.9. Equipment Maintenance. Maintenance of equipment except AGE in Appendices 3FA and 3FB which is beyond user maintenance, as verified by Government QA Personnel, will be furnished by the Government. Maintenance of Land Mobile Radio (LMR) System as listed in Appendix 3FD will be as specified in paragraph 2.3.2.10.

2.3.2.10. The Government will furnish LMR equipment to the minimum extent necessary for mission accomplishment. (Appendix 3FD will be used to list Government furnished LMR equipment.)

2.3.2.11. LMR maintenance support will be provided by contract with radio maintenance vendors for LMR equipment as listed in Appendix 3FD. The contractor shall not attempt to repair Government-furnished LMR equipment. The contractor shall provide an individual to perform the duties of LMR Net Manager for nets under their control IAW AFI 33-106. (See Appendix 3A)

2.3.2.12. Security Forces and Fire Protection. The Government will provide security forces and fire protection.

2.3.2.13. Automated Media. The contractor shall comply with all applicable Air Force System Security Instructions, other Air Force, AETC and local directives in the operation and use of automated media. The contractor shall comply with System Administration duties for the aircraft maintenance Local Area Network (LAN) system components IAW AFI 33-115, Vol. 1. The Government will furnish the required equipment and applications software necessary for operation of the Wide Area Network (WAN) and LAN network. Automated media systems shall only be used for official Government business. Risk Analysis shall be accomplished prior to operation and use.

2.3.2.14. Automated Data Processing Equipment (ADPE). The Government will furnish the required ADPE and applications software necessary for mission accomplishment as listed in Appendix 3FD.

2.3.2.14.1. All Government-furnished ADPE shall only be used for controlling and tracking maintenance related data and information. The contractor shall not use Government-furnished ADPE or services for non-contract-related programs, initiatives or any other purpose.

2.3.2.14.2. The base equipment control ADPE officer, Government QA Personnel and the contractor will conduct a joint inventory of ADPE and software prior to contractor assumption of each area. The contractor prior to contract start date shall sign for all assigned ADPE.

2.3.2.14.3. After the full assumption of this contract, a 3-month ADPE evaluation will be conducted by the 80 FTW Computer Resources and the contractor's ADPE custodian to determine if ADPE and software furnished is adequate. All ADPE deletions or additions must be submitted through the CO and the HQ AETC/LGX MIMS Program Manager to the host base communications activity. Prior to Government-provided maintenance information management systems (MIMS) equipment being declared excess, the HQ AETC/LGXI MIMS Program Manager shall be notified in writing through the CO.

2.3.2.14.4. The contractor shall comply with all computer system and ADPE accountability procedures required by the Government, including appointment of ADPE custodian and alternate (see Appendix 3E), conducting inventories as changes occur, and periodic inspections by base officials to ensure compliance in these areas IAW AFI 33-113. The Government will furnish ADPE guides and assistance as requested.

2.3.2.14.5. The contractor shall comply with all security measures required by the Government, including initial risk analysis. Risk analysis is determining if the facility is securable and if the computer equipment will be properly stored. The

SHEPPARD AFB AIRCRAFT MAINTENANCE

Government will conduct Security Test and Evaluations (STE) at the required intervals to ensure compliance in these areas. STEs are tests given to ensure contractor personnel operating the computer are aware of the required security regulations IAW AFI 33-101 and AFI 33-112.

2.3.2.14.6. The Government will provide ADPE maintenance support for ADPE listed in Appendix 3FD. The contractor shall not attempt to repair Government furnished ADPE equipment.

2.3.2.15. Transportation. The Government will furnish special purpose vehicles or suitable substitutes as listed in Appendix 3FE at the start of this contract. The contractor shall replace those special purpose vehicles identified as needing replaced in Appendix 3FE with commercial designed vehicles in the fiscal year (FY) indicated. The replacement vehicle may differ from the original vehicle type, but is required to meet the workload requirements per the SOW and AETCI 21-101, paragraph 2.18.2. Therefore, the vehicles identified for replacement must be replaced by 30 Sep in the FY indicated. The contractor shall designate a primary and alternate Vehicle Control Officer (VCO) to receive and account for all Government-furnished vehicles (see Appendix 3E).

2.3.2.15.1. The contractor and base vehicle operations will conduct a joint inventory of all Government vehicles not later than five days prior to the start of the basic contract. The Government will provide a list by type and registration number of Government vehicles to the contractor during the joint inventory date or upon request.

2.3.2.15.2. The appropriate unit vehicle operations, the CO, Government QA Personnel and contractor's VCO will, during the joint inventory date or at the contract start date, establish a minimum mission-essential vehicle level list. The Functional Commander (FC) must approve all mission essential vehicle listings. This list will be reviewed annually or as often as deemed necessary to reflect changes in the mission.

2.3.2.15.3. Six months after the contract start date, a vehicle evaluation will be conducted by Base Vehicle Operations, Government QA Personnel, and the contractor to determine if Government vehicles furnished are adequate or if any should be added or deleted. All vehicle additions or deletions must be approved by the FC and the CO. Vehicle substitutions are at the discretion of the FC. If the contractor feels a substitution vehicle is inadequate to meet mission needs, the contractor may submit a written statement to the CO who will contact the FC for resolution. However, the FC has final determination in vehicle substitutions.

2.3.2.15.4. For Government-owned vehicles, maintenance beyond user maintenance is provided by the Government. The contractor shall not attempt to

repair Government owned vehicles beyond user maintenance. Vehicle maintenance priority procedures are covered in AFI 24-302.

2.3.2.15.5. Fuel, oil and lubricants will be furnished by the Government for vehicles listed in Appendix 3FE. For vehicles furnished by the contractor the Government will provide only fuel, except those contractor owned vehicles that require refueling when they are away from the base, for example, while providing off-station aircraft recovery support. All fuel purchase receipts are subject to review by the Government at any time

2.3.2.15.6. The contractor may provide a written request to the FC for a specific type of Government vehicle, subject to availability, required to recover a not-mission-capable aircraft.

2.3.2.15.7. The Government will provide all commercial transportation, i.e., shipping and receiving of Government-furnished supplies and equipment necessary for successful accomplishment of contract requirements.

2.3.2.16. Facilities Maintenance. The Government will provide real property and real property installed equipment maintenance for Government-provided facilities. Emergency problems will be reported to the applicable Base Civil Engineer (BCE) Service call desk by the contractor. Routine maintenance and facility modification requests are submitted by the contractor by completing AF Form 332 and sending the form to the BCE except as noted in paragraphs 3.1.21.2.

2.3.2.16.1. The Government will refurbish and accomplish repairs to Corrosive Resistant Urethane hangar floor coverings as determined by the FC.

2.3.2.17. The Government will provide custodial services through the base custodial contract for administrative offices, latrines/restrooms and common areas (i.e., hallways, break rooms) in all buildings occupied by the contractor. The contractor shall be responsible to perform any custodial services in the industrial areas. (see Section 2-4, paragraphs 2.4.17-2.4.17.6.) The base custodial contract is subject to change. The base custodial contract currently performs the following listed custodial services.

2.3.2.17.1. Provides all equipment, materials, cleaning supplies, labor, etc. for custodial maintenance of Government furnished facilities.

2.3.2.17.2. Ensure administrative and common areas are clean and well maintained.

2.3.2.17.3. Empty and return to their initial location internal trash containers.

2.3.2.17.4. Vacuum all visible carpeted areas.

2.3.2.17.5. Sweep and mop visible floor surfaces.

2.3.2.17.6. Clean drinking fountains.

2.3.2.17.7. Clean and resupply restroom and locker rooms.

2.3.2.17.8. Strip and wax tile floors at least twice a year.

2.3.2.17.9. Shampoo carpets once a year and spot clean as needed.

2.3.2.18. Emergency Medical Services. The Government will make emergency medical services available to contractor personnel in a manner consistent with the level of service provided to the on-base population. This may include Government services or equivalent civilian emergency medical system responsible for support of Sheppard AFB. The contractor shall reimburse the Government, within 30 calendar days after receipt of Government invoice, for the cost of medical treatment and patient transportation service at the current inpatient/outpatient treatment rate as appropriate.

2.3.2.19. Printing/Duplication/Audiovisual Support. The Government will furnish printing/duplication/audiovisual and photo support for Official Government Reproduction Only (i.e., Weekly Flying Schedule, etc.). The Government will provide photo support for pictures of damaged aircraft/equipment and other appropriate support as determined by the CO. Support for internal contractor purposes such as award photographs, contractor regulations, quality control plans and other non-official purposes shall not be provided.

2.3.2.20. Classified Storage. The Government will provide the contractor with classified storage to the extent necessary for contract performance.

2.3.3. Government Performance Of Services.

2.3.3.1. If, for any reason, the contractor fails to perform any service covered by the contract or should an emergency require performance of services beyond the capability of the contractor the military may, if the CO determines that the military mission at Sheppard Air Force Base is endangered, perform or supplement performance of such contract services with Government personnel. Such performance shall not constitute a breach of the contract by the Government.

2.3.3.2. If the Government performs with Government personnel, as provided in paragraph 2.3.3.1. above, the contractor shall permit the Government to use and operate such equipment as is necessary to perform the function during a period not to exceed 90 days at the location covered by the contract. During this period the contractor-owned equipment used by the Government shall be maintained by the Government. The Government's right to use contractor equipment, pursuant to this

subparagraph, shall cease in the event of termination pursuant to contract clause entitled "DEFAULT."

2.3.3.3. The Government shall be entitled to an equitable adjustment for service, if any, which are performed by Government personnel pursuant to this item, which the contractor is required to perform pursuant to other provisions of this contract. Such performance and such adjustment shall not constitute a termination within the meaning of contract clause entitled "Termination for Convenience of the Government" of this contract.

2.3.3.3.1. Nothing in this item shall be deemed to waive or limit any rights of the Government under contract clause entitled "DEFAULT."

SECTION 2-4

2.4. GENERAL INFORMATION

2.4.1. Contractor shall provide all general administrative supplies (i.e., paper, pens, pencils, copier and printer toner/cartridges and all necessary forms, letterhead, and administrative supplies directly related to the contractors operation, etc.) required in performing the contract.

2.4.2. Contractor shall provide any beepers, facsimile machines and cellular phones deemed necessary.

2.4.3. Contractor shall replace all common hand tools and locally manufactured special tools for aircraft maintenance listed in Appendix 3FC (reference Appendix 3B).

2.4.4. The contractor shall provide sufficient and appropriate general purpose vehicles to support mission requirements. The contractor shall furnish general purpose vehicle(s) if needed to support additional or new work load requirements.

2.4.5. General purpose vehicles are defined as commercial design motor vehicles or electrically powered vehicle procurable and available from regular production lines and available also for civilian use. General purpose vehicles are normally used for movement of supplies, personnel and equipment in providing administrative and logistics support to installations or activities. Motor powered cycles and bicycles are not allowed on the taxiways.

2.4.5.1.1. The contractor shall provide and operate two air-conditioned flight line shuttle vehicles (delivery van with cut-off, multi-stop, or equivalent capable of carrying 10 aircrew members with equipment) for scheduled flying. Two shuttle vehicles need to be available at all times.

2.4.5.1.2. The contractor shall provide two follow-me type vehicles for transient alert. Two follow-me type vehicles need to be available at all times.

2.4.5.1.3. The contractor shall provide vehicles capable of transporting explosives in accordance with AFMAN 91-201, Chapter 2 (Explosive Safety Requirements).

2.4.5.2. General purpose vehicles provided by the contractor shall meet the fuel efficiency standards for Government agencies as set forth in Executive Order 12375. All vehicles must all be the same conservative color (not Air Force blue) subject to approval of the CO. These vehicles must at least display the company name and/or logo. Size of identifying markings, for

SHEPPARD AFB AIRCRAFT MAINTENANCE

example, name, logo, number, etc., shall not exceed dimensions cited in TO 36-1-3 to ensure easy identification by security forces.

2.4.5.3. The contractor shall be responsible for the safe, efficient and economical maintenance and operation of motor vehicles and shall be required to maintain acceptable standards to support mission requirements.

2.4.5.4. Contractor shall provide any tools required for vehicle maintenance. Contractor shall provide oil and lubricants for contractor-provided vehicles.

2.4.5.5. The Government will provide gasoline or diesel fuel for all contractor-furnished vehicles, except those vehicles that require refueling when they are away from Sheppard Air Force Base (reference Section 2-3, paragraph 2.3.2.15.5).

2.4.5.6. The contractor shall provide for all maintenance/repair of contractor-furnished vehicles in accordance with safe and serviceable standards as outlined in TO 36-1-191. Building 2407 and a vehicle tire change machine will be provided to the contractor for only minor vehicle maintenance actions, defined as: fluid servicing/changing, tire changes, battery replacement, wiper blade replacement and filter changes. The contractor shall provide all other facilities necessary to perform all other vehicle maintenance.

2.4.5.7. General purpose vehicles may be used for movement of support equipment, but shall not be used to move aircraft. All vehicles used for towing support equipment shall be compatible with lunette and pintle hook attachments per TO 36-1-121, *Standardization of Lunette and Pintles*.

2.4.5.8. The contractor shall replace general purpose vehicles not later than 30 September of the calendar year in which economic value has reached or is estimated to reach the point of replacement IAW TO 36-1-23. If other-than-the-incumbent contractor is awarded follow-on contract to this contract, any contractor-provided vehicles used in support of this contract that are also owned by the contractor shall be sold by the contractor for a fair market value. The proceeds shall be credited back against this contract in accordance with FAR Part 31.

2.4.5.9. The contractor will justify increases or decreases in Government-provided special purpose vehicles approved by the applicable base Vehicle Authorization/Utilization Board to the CO by submission of AF Form 601, Authorization Change Requests. After coordination with the CO the contractor will forward AF Form 601 to Headquarters Air Education and Training Command, HQ AETC/LGTV, for appropriate action.

2.4.5.10. The contractor shall use procedures contained in AFMAN 23-110, Volume 2, Part 2, Chapter 22, for assigning, accounting, reporting, and disposition of Government-owned vehicles. on-time implementation

2.4.5.11. The contractor shall participate in each unit's Top Wheels Competition IAW AETCI 24-301 paragraphs 3, 5.5, 6.1, and 9 through 9.3.2.

2.4.6. Contractor shall provide all user maintenance for the care and/or upkeep of all Government-furnished office equipment except those as listed in Appendix 3FD.

2.4.7. Contractor shall provide a non-Government telephone service through off-base switching equipment for conducting personal or unofficial business.

2.4.8. Contractor shall provide annual recurring egress/cockpit familiarization training to Government QA Personnel.

2.4.9. Contractor shall provide CPR, blood pathogen and first aid training IAW OSHA standards.

2.4.10. Distinctive Clothing. As specified in this Statement of Work.

2.4.11. Off Station Support. See Section 3-1, paragraph 3.1.32.2.

2.4.12. Personal Protective Equipment. Contractor shall provide all required personal protective equipment, i.e., respirators, hearing protection, eye protection, gloves, safety shoes, etc. IAW OSHA standards.

2.4.13. Contractor shall conduct a Job Safety Analysis (JSA) for each work center to determine the need for protective clothing IAW AFI 91-202 and OSHA standards not later than responsibility assumption dates. The JSA shall be filed in each applicable work center.

2.4.14. Publications. Publications that apply to the SOW are listed in Appendix 2A and 3A. The publications have been coded as mandatory or advisory. The contractor is obligated to follow those publications and use those forms coded as mandatory to the extent specified in other sections of this SOW. contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this SOW. The Government will provide all publications and forms listed at the start of the contract.

2.4.14.1. Where the contractor is permitted to use Air Force and other Government publications or directives as an advisory guide (in Appendix 2A and 3A) rather than for mandatory compliance in the performance of this contract, the contractor may deviate from the directive using the following procedures.

SHEPPARD AFB AIRCRAFT MAINTENANCE

2.4.14.1.1. Develop and keep current a published manual of contractor directives, specifically delineating the contractor's responsibilities and actions that deviate from the applicable Government directive(s).

2.4.14.1.2. Comply with the intended effect or product contemplated.

2.4.14.1.3. Submit all contractor directives and Maintenance Operating Instructions (MOIs) through Government Quality Assurance Personnel to the CO for review and acceptance prior to use or implementation.

2.4.14.1.4. Numbered IAW AFI 37-160, Volume 7; and, not conflict with any portion of this SOW. The primary objective of any requested deviation shall be to improve the quality, timeliness, efficiency, or economy of operations for Government benefit and shall be documented on the contractor directive.

2.4.14.2. All accepted contractor directives shall be the basis for inspection and surveillance of the contractor's performance except that the terms and conditions of this contract shall take precedence in the event of a conflict. Any disagreement between the parties on wording/interpretation will be resolved between the contractor and CO.

2.4.14.3. Contractor directives shall be submitted to the CO for review and acceptance not later than the pre-performance conference and upon subsequent revision(s). The contractor shall review and update all contractor directives at least annually.

2.4.14.4. Applicable Air Force or other Government directives shall be the basis for inspection surveillance or rating of areas where contractor directives have not been issued and accepted.

2.4.14.5. The Government will have unlimited rights to use, duplicate, or disclose such contractor directives, in whole or part, in any manner and for any purpose whatsoever.

2.4.14.6. In the event the follow-on contract is awarded to other than the incumbent, the incumbent contractor's directives shall be made available to the successor contractor for information purposes until the successor contractor directives are published and accepted by the CO.

SHEPPARD AFB AIRCRAFT MAINTENANCE

2.4.15. Contractor shall be responsible for establishing a safety and occupational health program consistent with requirements of the Occupational Safety and Health Administration (OSHA). The contractor shall perform required personnel exposure assessments and medical surveillance. The contractor must also provide for personnel protective equipment and training consistent with applicable standards.

2.4.16. Industrial Rags. The contractor shall provide for either the purchase or rental, and cleaning of industrial rags. Exception: The Government will provide special purpose consumable cloth, i.e., lint-free cloth, etc., as required by applicable technical orders/data.

2.4.17. Custodial Service. The contract shall be responsible to perform any custodial services in the industrial areas and shall meet the following standards in the industrial areas:

2.4.17.1. Sweep Floors. After the floor has been swept, the entire floor surface, including corners and abutments, will be free of litter, dust and foreign debris. Chairs, trash receptacles and easily moveable items shall be tilted or moved to sweep underneath. Floors will be swept daily.

2.4.17.2. Mop/Maintain Floors. All accessible areas shall be mopped or scrubbed with floor machine weekly. Chairs, trash receptacles and easily moveable items shall be moved to mop/buff underneath. After being mopped, all tile floors shall have uniform appearance with no streaks, swirl marks, detergent residue or any evidence of soil, stains, film, debris or standing water. The entire floor shall have uniform, glossy appearance and be free of scuff marks, heel marks and other stains and discolorations. There shall be no splash marks/wax or mop streaks on furniture, walls, baseboards or carpeted floors. Tile floors shall be waxed on an as needed basis.

2.4.17.3. Hangar Floors. Hangar floors shall be maintained so that fluid spills (i.e., hydraulic fluid, oil, fuel, etc.), grease and foreign debris are cleaned/removed as soon as possible. Maintenance includes cleaning up fluid and grease spills as they occur. Hangar floors coated with corrosion resistant urethane (CRU) require special care in cleaning and maintenance. CRU is a coating, not a paint, which is resistant to jet fuel, oils, grease and solvents. Maintenance includes cleaning up spills as they occur, sweeping, scrubbing, etc. Preventative measures must be taken to safeguard rips and tears, which occur between scheduled or major repair requirements, against further deterioration or enlargement.

2.4.17.4. Remove Trash/Butt Cans. All waste baskets, cigarette butt cans and other trash containers within the areas shall be emptied and wiped clean. Any obviously soiled or torn plastic trash receptacle liners in such receptacles

SHEPPARD AFB AIRCRAFT MAINTENANCE

shall be replaced. Trash cans and butt cans within the industrial areas shall be emptied on a daily basis.

2.4.17.5. Perform High Dusting. Areas from 7 to 10 feet shall have loose debris removed every 6 months and areas above 10 feet shall have loose debris removed annually.

2.4.17.6. Clean Light Fixtures. After cleaning, light fixtures shall be free of bugs, dirt, dust, grease and other foreign matter. Light fixtures will be cleaned annually.

APPENDIX 2A

1. APPLICABLE PUBLICATIONS

1.2. Introduction. The following Publications and other directives/documents are applicable to this SOW.

1.3. Publications. Publications and other directives/documents applicable to this SOW are listed below. The publications and forms have been coded as mandatory or advisory. The contractor shall follow those publications/directives/forms coded as mandatory without deviation. The contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this SOW (ref. paragraph 2.4.14). All publications and forms listed shall be provided or made available via electronic means by the Government at the start of the contract (see Section 3-3). It is the responsibility of the contractor to establish follow-on requirements with the Publications Distribution Office IAW applicable directives. Any reference to a publication is meant to include the basic and all its supplements and amendments. Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. The contractor shall immediately implement those changes in publications which result in a decrease or no change in the contract price. Prior to implementing any mandatory revision, supplement, or amendment to a publication or directive that will result in a contract price increase, the contractor shall submit to the CO a price increase proposal and obtain approval from the CO prior to implementing such changes. The contractor shall submit price increase proposal within 30 calendar days from the date the contractor receives notice of the revision, supplement or amendment giving rise to increase in cost of performance; however, the CO may direct immediate implementation and waive the prior approval requirement. Negotiation and/or increased cost approval may take place during or after implementation at the discretion of the CO. Failure of the contractor to submit a price proposal within 30 calendar days from the date of receipt of any change shall entitle the Government to performance in accordance with such change with no increase in contract price. It is the contractor's responsibility to ensure that all publications are maintained IAW AFI 37-160, Volume 7. The contractor shall control technical orders in accordance with TOs 00-5-1, 00-5-2, and 00-5-17.

1.4. Technical Orders and Technical Manuals. All technical orders and technical manuals, as defined by AF policy directive 21-3, applicable to the management and maintenance of AETC/Pilot Instructor (PIT)/Introduction to Fighter Fundamentals (IFF) aircraft, transient aircraft, engines, and support equipment are mandatory publications. Note: Technical Orders/Manuals are not listed in this section, but are incorporated by reference.

Air Force Policy Directives

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFPD 21-3	Technical Orders	May 93	M
AFPD 31-4	Information Security	Sep 98	M
AFPD 31-6	Industrial Security	Apr 00	M

Air Force Instructions

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFI 10-1101	Operations Security (OPSEC)	May 97	M
AFI 13-213	Airfield Management	Aug 97	A
AFI 21-112	Aircrew Egress Systems Maintenance	May 00	M
AFI 21-202	Combat Ammunition System Procedures	Jul 95	M
AFI 23-111	Management of Government Property in Possession of the Air Force	Feb 96	M
AFI 24-301	Vehicle Operations	Oct 98	M
AFI 24-302	Vehicle Maintenance Management	May 94	M
AFI 31-101, Vol. 1	The Air Force Physical Security Program	Apr 98	A
AFI 31-204	Air Force Motor Vehicle Traffic Supervision	Aug 97	M
AFI 31-210	The Air Force Anti-Terrorism/Force Protection (AT/FP) Program Standards	Aug 99	M
AFI 31-401	Information Security Program Management	Jan 99	M
AFI 31-501	Personnel Security Program Management	Aug 00	A
AFI 31-601	Industrial Security Program Management	Apr 96	M
AFI 32-1024	Standard Facility Requirements	May 94	A
AFI 32-4001	Disaster Preparedness Planning and Operations	May 98	A
AFI 32-9002	Use of Real Property Facilities	Nov 93	A
AFI 33-101	Communications and Information Management Guidance and Responsibilities	Aug 98	M
AFI 33-106	Managing High Frequency Radios, Land Mobile Radios, Cellular Telephones and the Military Affiliate Radio System	Sep 97	M
AFI 33-111	Telephone Systems Management	May 98	A
AFI 33-112	Computer Systems Management	Dec 97	M
AFI 33-113	Managing Messaging and Data Processing Centers	Mar 98	M
AFI 33-115, Vol. 1	Network Management	Jul 99	M
AFI 33-119	Electronic Mail (E-mail) Management and Use	Mar 97	M
AFI 33-202	Computer Security (COMPUSEC)	Jun 00	M
AFI 33-203	Emission Security (EMSEC)	May 98	M

SHEPPARD AFB AIRCRAFT MAINTENANCE

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFI 33-204	Information Protection Security Awareness, Training and Education (SATE) Program	Apr 99	M
AFI 33-219	Telecommunications Monitoring and Assessment Program (TMAP)	May 00	M
AFI 36-2863	History Awards	Jan 98	A
AFI 36-3026	Identification Cards for Members of the Uniformed Services, Their Family Members and Other Eligible Personnel	Jul 99	M
AFI 37-160, Vol. 7	The Air Force Publications and Forms Management Programs - Publications Libraries and Sets	Nov 93	M
AFI 37-161	Information Management Distribution Management	Feb 97	M
AFI 40-102	Tobacco Use in the Air Force	Apr 98	A
AFI 64-106	Air Force Industrial Labor Relations Activities	Mar 94	M
AFI 71-101, Vol. 1	Criminal Investigations	Dec 99	M
AFI 71-101, Vol. 2	Protective Service Matters	Aug 97	M
AFI 91-202	The USAF Mishap Prevention Program	Aug 98	M
AFI 91-204	Safety Investigations and Reports	Nov 99	M

Air Force Mission Directives/Manuals/Pamphlets.

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFMAN 23-110, Vol.2	USAF Supply Manual	Apr 00	M
AFMAN 23-110, Vol. 2, Pt. 13	Standard Base Supply Customer's Procedures	Apr 00	M
AFMAN 37-139	Records Disposition Schedule	Mar 96	M
AFMAN 91-201	Explosive Safety Standards	Mar 00	M
DoD 5200-1	DoD Information Security Program	Jan 97	M
DoD 5200-2	Personnel Security Program	Jan 87	M
DoD 5220-22	Industrial Security Regulation	Dec 85	M

AETC Instructions.

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AETCI 24-301	AETC Aircrew Life Support (ALS) Program	Feb 98	M
AETCI 36-3001	Issue and Control of AETC Civilian Identification	Apr 95	A

ELECTRONIC PUBLICATIONS ARE AVAILABLE ON THE LOCAL AREA NETWORK AT:

<http://afpubs.hq.af.mil/orgs.asp?type=pubs>

ELECTRONIC FORMS ARE AVAILABLE ON THE LOCAL AREA NETWORK AT:

<http://afpubs.hq.af.mil/orgs.asp?type=forms>

SECTION 3-1

3. AIRCRAFT MAINTENANCE AT SHEPPARD AFB

3.1. Description of Services

3.1.1. The contractor shall maintain all assigned aircraft, engines and associated ground equipment IAW the objectives and responsibilities outlined in AF series directives, applicable AF/AETC/Wing/Base directives/plans, support agreements and all applicable equipment and general support technical orders (TO) and data in order to meet 80th FTW commitments.

3.1.2. The contractor is responsible for the entire scope of organizational maintenance production (on- and off-equipment) IAW applicable technical data, AFPD 21-1, AFI 21-101, and AETCI 21-101. The contractor shall perform aircraft on- and off-equipment maintenance, support equipment maintenance, and jet engine intermediate maintenance (JEIM) required for the T-37, T-38A, AT-38B, T-38C and T-6A aircraft. The contractor shall also provide for transient aircraft support, aircraft corrosion prevention, aircraft crash recovery and off-station aircraft support recovery. The Government will provide most avionics replaceable unit off-equipment maintenance support for the T-38C aircraft via the Contract Logistics Support (CLS). All off-equipment maintenance support for the T-6A aircraft will be via CLS (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.2.1. The T-38C aircraft is a modified T-38A/AT-38B aircraft. Reference Section C-7 for AT-38B requirements and information. Current plans indicate the T-38C will be used as a training platform until at least the year 2025 and possibly beyond.

3.1.2.2. Aircraft Difference Data. The T-38C differs from the basic T-38 aircraft. The T-38C consists of an upgraded avionics package that is designed to support the Fighter Bomber Training System. Named the T-38 Avionics Upgrade Program (AUP), this modification will improve avionics suite reliability, maintainability, and availability by replacing 1950's type instruments and navigation systems with a reliable, integrated avionics suite. Upon completion of the AUP modification (TCTO 1T-38-800) the aircraft will be re-designated as the T-38C. The T-38C will replace both the T-38A and AT-38B in all training roles. The T-38C also incorporates electronic bomb scoring which will no longer require armament/munitions support.

3.1.2.3. The T-38C avionics suite includes a head up display in the front cockpit capable of displaying either F-16 or Mil Std 1787B modes, embedded global positioning system/inertial navigation system, multi-function displays, Traffic Alert & Collision Avoidance System, bombless scoring system, hands on throttle and stick technology, Data Transfer System/Mission Planning

System, UHF and VHF radios, radar altimeter, electronic engine display, video tape recorder, and a mission display processor.

3.1.2.4. Current plans are for T-38C aircraft to arrive at Sheppard AFB with cockpit interior newly painted, seats newly painted, comm-nav compartment newly painted, new comm-nav doors installed, and will have a new ballast configuration.

3.1.2.5. The T-6A is a pressurized, propeller driven turboprop acrobatic training aircraft and is equipped to operate as specified in Federal Aviation Regulations (FAR) Part 23. The airframe service life is 18,720 equivalent flight hours per aircraft. It is powered by the PT6A-68 turboprop engine.

3.1.2.6. The PT6A-68 engine uses a computer controlled power unit (PMU) to control power response and power control level. A hydromechanical backup for the PMU is provided. The engine is FAA FAR Part 33 certified. The engine is constructed of two modules. The gas generator module includes the accessory gearbox, oil tank, air inlet, compressor, combustor, and the compressor turbine. The power section module includes the power turbine, reduction gearbox, propeller drive shaft and exhaust case. The engine time between overhauls is 4,500 hours and the hot section inspection interval is on condition with 400 hour inspections with a borescope. The engine overheat fire detection system consists of the sensor and responder assembly.

3.1.2.7. The Hartzell four blade, 97 inch diameter aluminum propeller is certified to FAR Part 35 and meets applicable propeller and propeller pitch control requirements of FAR Part 23 and FAR Part 33. The propeller is controlled electronically by the PMU.

3.1.2.8. The aircraft has conventional manual flight controls consisting of bellcranks, push-pull rods, and cables.

3.1.2.9. Avionics and instruments equipment is classified as off-the-shelf. Instruments consist of three multifunction electronic instrument displays per cockpit (vertical speed, airspeed, and altimeter). Primary flight instruments include the electronic attitude director indicator, electronic horizontal situation indicator, airspeed indicator, altimeter and vertical velocity indicator. The primary displays receive inputs from a fiber optic gyro driven acrobatic attitude heading reference system, a digital air data system, and an engine data manager. Communications consist of both UHF and VHF systems along with an interphone system. Navigation system includes VHF navigation, distance measuring equipment and global positioning system. Miscellaneous avionics include Mode S transponder, airborne collision system, flight data recorder, and electronic locating transmitter. The avionics suite has a built-in test (BIT)

and diagnostic capability for test and maintenance support. The subsystems and line replaceable units (LRU) have varying degrees of BIT capability.

3.1.2.10. Electrical power is supplied by a 300 amp starter-generator, a 24 VDC maintenance free lead acid battery, a 24 VDC standby battery pack, and an external power receptacle. The 24 VDC maintenance free lead acid battery rated at 40 ampere hours powers engine starts (primary method) and systems power if the generator is off-line.

3.1.2.11. The T-6A incorporates a vapor cycle air conditioning system that uses HFC-134A non-ozone depleting refrigerant. Breathable oxygen is provided via the on-board oxygen generating system. The ejection seat is of a modular construction that allows seat removal and replacement and accessibility to major seat parts during shop maintenance. The seat has a twin catapult, rocket assisted propulsion system. The canopy fracturing system consists of the canopy initiating and canopy fracturing explosive subsystems. Included in the fracturing subsystems are a movement detector laser, a laser rod, an optical detonator, shielded mild detonating cord, a flexible linear shaped charge and mild detonating cord.

3.1.2.12. The fuel system provides single point refueling as the primary refueling method which is capable of filling the aircraft in approximately 5 minutes at a fuel flow rate of 30 psi. Usable fuel quantity is set at 1100 pounds. Fuel storage is achieved from three integral tanks built into a single piece wing. Defueling is via gravity feed from the wing tanks through the pressure-refueling adapter. Defueling a fully fueled aircraft at a -3.0 psi vacuum pressure takes less than 10 minutes.

3.1.2.13. Landing gear extension/retraction system is hydraulically actuated and electrically sequenced. An independent emergency package uses stored helium to provide 3,120 psi of pressure for one-time gear extension without electrical power or engine driven hydraulic pressure. Nose wheel steering is mechanically actuated and hydraulically operated. The disk brake system is a manually pressure generated hydraulic system per MIL-B-8584. The aircraft is equipped with a parking brake.

3.1.2.14. The hydraulic system is a Type II Class, 3,000 psi system per MIL-H-5440 and uses MIL-H-5606 hydraulic fluid. It consists of an engine driven pump, air free reservoir package, selector manifold, sampling valve, emergency shutoff, and an emergency package. It operates the landing gear, main gear doors, flaps, speedbrake, and nose wheel steering. The emergency package consists of a metal bellows accumulator and associated valves to provide for emergency landing gear and flap extension.

3.1.2.15. The fuselage is a conventional semimonocoque riveted aluminum structure. The canopy assembly is a three piece, piano hinged, cast acrylic, and slide opening. The windshield is not a fixed part of the forward portion of the fuselage, but is integral with the rotating canopy.

3.1.2.16. Maintainability and Turn Time. Removal and replacement of high failure rate LRUs do not require removal of more reliable LRUs; structural members and permanently installed equipment do not obstruct the removal and replacement of failed LRUs; removal and replacement of failed LRUs do not require the use of special tools. Modified equipment, including engines, preclude improper installation, mounting, or connection of LRUs, assemblies, subassemblies, cables, or lines. Connections located in close proximity to each other are physically noninterchangeable where feasible. The aircraft turn around time, from engine shutdown of the previous mission to when the aircraft is ready for issue to the next crew, should not exceed 26 minutes.

NOTE: Throughout this contract the term T-38 will be used to describe all T-38 aircraft mission and series types, for example T-38A, AT-38B and T-38C unless the distinction is absolutely necessary for clarification.

3.1.3. The Government expressly reserves the right to incorporate additional maintenance support, including life support, maintenance of other MDS aircraft, on-equipment maintenance and off-equipment maintenance to support the missions of the 80th FTW, under authority of contract clause entitled "Changes-Fixed Price (Alternate 1)." If such change should become necessary, an equitable adjustment in target cost would be negotiated in accordance with the "Changes" clause. No price adjustment will be made to the contract beyond that which would be permissible under the "Changes" clause of this contract.

3.1.4. The contractor shall meet or exceed AETC contract and Government surveillance performance thresholds (standards), (see Section 3-2 for performance thresholds and calculation methods). Note: These performance thresholds and calculations may be adjusted periodically.

3.1.5. If Government actions such as supply difficulties significantly impair the contractor's ability to meet established performance thresholds, the contractor may provide written justification for noncompliance to the applicable Functional Commander (FC) (see AFI 63-124) and the Contracting Officer (CO). The FC, will provide a copy of temporary waivers to HQ AETC/LGP after approval or disapproval. The Government may disapprove requests. Failure of the contractor to initiate requisite aircraft or equipment repairs, including local manufacture and special repair requests; upkeep equipment; mitigate asset shortages via aggressive cannibalization action; or to comply with any other standard procedures as defined in this contract and in applicable AF directives and technical orders will result in the Government denying waiver requests.

3.1.6. Management Programs. The contractor shall provide and perform management functions IAW AFI 21-101 and AETCI 21-101, Vol. 1, Ch. 1, to include, but not limited to, the following:

3.1.6.1. Provide sufficient mission capable aircraft per scheduled flying period, configured IAW the daily/weekly flying schedule, to ensure accomplishment of the programmed AETC pilot aircrew training projection and other training support as required (See Appendix 3B for flying hour program projection and workload data).

3.1.6.2. Provide sufficient mission capable aircraft, configured IAW the daily/weekly flying schedule, to ensure accomplishment of the 80th FTW training support as required.

3.1.6.3. Support any (to include, but not be limited to) exercise, deployment, static display, flyby (IAW AFI 11-209), open house (air show), ROTC orientation flights or change of command ceremonies that involves aircraft and/or maintenance resources. These events may occur on weekends or holidays. **Cost associated with these events shall be included in the Target Cost.** Normal notification will be provided to the contractor at the weekly flying scheduling meeting. (Note: Circumstances may dictate that less than one week's notice be given due to changing mission requirements.) In addition, the contractor shall participate in and support AETC and other DOD/USAF/Command/19 AF sponsored maintenance competitions (See Appendix 3B for estimated workload data).

3.1.6.4. Support all base OPLANS, support agreements, weather evacuation support, all other plans, collateral tasks (additional duties) and provide all required reports. These events may occur on weekends and holidays. **Cost associated with these events shall be included in the Target Cost.** These requirements may be adjusted periodically (See Appendixes 3G and 3H for OPLANS, plans and support agreements).

3.1.7. Maintenance Administration Functions. The contractor shall provide and perform the following:

3.1.7.1. Correspondence. Prepare all correspondence relating to maintenance management required in the execution of the services required by this SOW. The correspondence that is SOW-related shall consist of, but not be limited to: replies, requests for depot assistance, reports and routine correspondence to the base/installation or other activities.

3.1.7.2. Records. All records, files, documents and working papers provided by the Government and/or generated for the Government in the performance of this

contract become and remain Government property. They shall be maintained IAW AFI 33-322 and all other pertinent directives as supplemented. Records shall be disposed of only as authorized by applicable portions of AFMAN 37-139. All records may be subject to the Freedom of Information Act and/or the Privacy Act of 1974. All reports, records, files, documents, maintenance policies/operating instructions, and working papers shall be made available to the Government as requested.

3.1.7.2.1. Maintain files for Government records IAW Air Force 33- and 37-series instructions listed in Appendix 2A and 3A. Records shall be provided as requested under the Freedom of Information Act and the Privacy Act of 1974, IAW applicable directives.

3.1.7.2.2. Furnish the Government required reports and summaries as listed in Appendix 3D. Copies of all reports to the Government shall be provided to the Government QA Chief.

3.1.7.2.3. Support and participate in surveys, studies and tests of systems upgrades and changes relating to computer hardware, software, systems, etc.

3.1.7.2.4. Provide updates to historical data and appendixes when a need exists as determined by the CO.

3.1.7.2.5. The Government will have unlimited rights to use, duplicate or disclose such records, files, documents, working papers and reports in whole or in part, in any manner and for any purpose whatsoever, and to permit others to do so.

3.1.8. Hours Of Operation. Operating hours established by the contractor shall be consistent with meeting the contract performance requirements or as directed by the CO. Duty hours for supporting the maintenance functions shall be IAW applicable AF, AETC and local directives and the daily/weekly flying schedule to ensure accomplishment of flying hour projections and support requirements (See Appendix 3B for past sortie schedule data and short-notice support requirements).

3.1.8.1. Normal Hours. Normal duty hours for the Maintenance Staff Offices will be 0700-1600 hours Monday - Friday. The Government recognizes the following holidays: New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day.

3.1.9. Qualified Personnel. The contractor shall provide only properly trained, qualified, and/or certified technicians. Personnel who perform aircraft maintenance must have at least one year of recent (within past three years) F-5, T-37, T-38 or T-6A aircraft maintenance experience which shall be documented in personnel and/or

training records. Personnel who perform aircraft maintenance and do not meet the above experience requirement shall complete a comprehensive contractor training program on the applicable airframe prior to performing unsupervised aircraft maintenance on that airframe. Such training shall be documented in a training record. Personnel who perform maintenance on support equipment such as Aerospace Ground Equipment (AGE), etc., must have at least one year recent (within past three years) experience applicable to the type of equipment being maintained, or shall complete a comprehensive contractor training program prior to performing maintenance. This training must also be documented in a training record.

3.1.9.1. All contractor personnel, who are in supervisory positions or personnel who perform maintenance using technical orders or written documentation or have job-related contact with aircrews must be able to read, write, speak and understand American English.

3.1.10. Qualification and Training Standards. The contractor shall comply with and use existing task qualification and training standards contained in AF technical orders/technical data, regulations, instructions, publications, etc., and commercial publications/manuals (as applicable). In the event a task standard does not exist, the contractor shall develop one that, as a minimum, shall reflect personnel qualification levels commensurate with specific tasks peculiar to aircraft and associated equipment maintenance. These standards shall parallel those acceptable to the Air Force and commercial aircraft and/or avionics industry, subject to review by Government Quality Assurance Personnel and acceptance by the CO.

3.1.10.1. Contractor Training Plan. The contractor shall formulate and submit to the CO a comprehensive Training/Qualification/Certification Plan for its employees no later than the pre-performance conference. This plan shall include, as a minimum: (1) A detailed description of how the contractor will establish and ensure a fully qualified workforce throughout the life of the contract; (2) Specific milestones, frequencies and/or intervals as to when any training, qualification, or certification will occur; (3) Specific methods and procedures as to how training, qualification or certification will be accomplished; (4) Specific areas in which training qualifications or certification will be accomplished; (5) The extent or level to which the training, qualification or certification will be accomplished; (6) The anticipated number and position of those personnel that will require training, qualification or certification; (7) The number and position of those personnel who will conduct training, qualification and certification; (8) Plans of Instruction (POIs) that will be used; and (9) If deviating from AFI 36-2201 and AETC 21-103 the contractor equivalent training record design shall, as a minimum, specify on- and off-equipment maintenance, and identify specific qualifications (i.e., remove/replace, calibrate/align/perform operational checks, etc.). The contractor shall submit three copies of the Training/Qualification/Certification Plan to the CO not later than (NLT) the

pre-performance conference (reference Appendix 3J), and upon revision, for review and acceptance by the CO. The contractor shall not deviate from the accepted plan without written consent of the CO.

3.1.11. Successor Contractor Personnel Certification. In the event the follow-on contract is awarded to other than the incumbent and the successor contractor hires incumbent contractor employees, the following training/qualification/certification minimums are established.

3.1.11.1. As reflected by the appropriate records and maintenance management information system products, the incumbent contractor employees' qualification/certification will be considered valid for a period of up to 120 calendar days, beginning on contract performance start date. Within this 120 calendar day period, the successor contractor shall verify the qualification/certification of former incumbent contractor employees and requalify/recertify those personnel (except as noted in 3.1.11.2. below). All such qualification/certification actions shall be in accordance with provisions of this SOW.

3.1.11.2. Annual or greater interval certification requirements shall be accomplished when next due and may exceed the 120-day criteria listed above.

3.1.11.3. All other training/qualification/certification shall be accomplished in accordance with provisions of this contract.

3.1.12. Technical Training. The Government will provide technical training for new equipment requirements/technologies not addressed in this SOW, as determined by the FC and with final approval of the CO. This training will be provided only to an initial cadre of contractor personnel requiring specialized formal training, not to exceed 25 percent of the target population. Request for such training shall be submitted by the contractor through the FC to the CO a minimum of 90 calendar days prior to desired training date and IAW AFI 36-2201. The Government will fund actual training costs (e.g. conference, seminar, and class fees as approved by the CO), per diem, and travel at Government rates IAW Joint Travel Regulations (JTR). Cost will be reimbursed under the Travel CLIN.

3.1.12.1. Training. Contractor employees are eligible to enroll in ECI courses and participate in Air Force training courses requiring TDY when it is of direct benefit to the Government as approved by the CO. Such training will be provided in accordance with Air Force criteria and funding will be determined by provisions of the contract.

3.1.12.1.1. To ensure contractor employees retain suitable and adequate qualifications, selected personnel shall be afforded training as above for

such things as seminars, workshops, and/or educational courses. The contractor should be prepared to allow training annually to those persons requiring such training. All funding for training or special events will be non-target costs. Funding to contractor will be by direct reimbursement in accordance with Travel CLIN in Section B, if approved by the CO in advance.

3.1.12.1.2. Contractor shall submit cost comparison for rental cars IAW AFI 65-103 to the CO for approval prior to TDYs authorized in paragraphs 3.1.12., 3.1.12.1. and 3.1.12.1.1. Cost for rental cars shall not be reimbursed if prior approval is not obtained.

3.1.12.1.3. When using military, commercial or private transportation sources, the contractor and its employee(s) agree to indemnify and hold the United States and its employees harmless, whether in tort or in contract, for any and all loss or disability for injury to, or death of contractor personnel in transit to, from, or during the period of attendance at any training or school provided by the United States, whether such training or schooling is provided under contract with or by the United States.

3.1.12.1.4. Contractor personnel shall participate in and receive shop-level pollution prevention training from the contractor environmental or pollution prevention manager/coordinator/POC or other base-level identified training as implemented by the wing environmental coordinator, the environmental flight (CEV), the hazardous material pharmacy (HMP), and/or the base environmental protection committee (EPC).

3.1.13. Government-Furnished Training. The Government will provide only training or certification for contractor employees specifically enumerated in this contract, or applicable directives under this contract, that specify training as being Government-provided. The contractor may request additional training/certification at contractor expense through the CO IAW AFI 36-2201.

3.1.13.1. The contractor shall administer, document and control the certification of engine run personnel (both initial and annual) IAW AFI 11-218 and AETC Supplement. Contractor certifying officials shall be initially certified and receive annual recertification by the Government Functional Check Flight (FCF) section. Engine run certified personnel shall be subject to no-notice evaluations by the Government FCF section.

3.1.13.2. Military Training Flight (MTF) Training. The Government will provide MTF training for T-38 aircraft Systems, Egress, Flight Control Rigging, Canopy Rigging, Throttle Rigging, Landing Gear Rigging, and

SHEPPARD AFB AIRCRAFT MAINTENANCE

Fastener Removal Courses for civilian designated instructors/certifying/qualifying officials to fulfill the requirements of AETCI 21-103 and AFI 21-112 (maximum of four individuals per course, only one of each course will be provided). Requests for training will be IAW AFI 36-2201 and submitted a minimum of 45 calendar days prior to class start date by the contractor through Government Quality Assurance Personnel to the CO. The contractor's training manager shall coordinate availability and tentative seat reservations with HQ AETC/LGMMR. The Government will fund actual training costs, per diem and travel at Government rates using Joint Travel Regulations (JTR) as a guide. Cost will be reimbursed under the Travel CLIN.

3.1.13.3. Initial training for on-equipment maintenance of T-38 systems affected by Time Compliance Technical Order (TCTO) 1T-38-800, Avionics Upgrade Program, (AUP) will be provided by the Government via the CLS contract at Sheppard AFB. The T-38 AUP training will be provided only to an initial cadre of contractor personnel, not to exceed 25 percent of the target population.

3.1.13.3.1. The T-38 AUP training will be provided by the CLS Logistics Support Contractor (LSC). This training encompasses systems overview, BIT/BITE operations, avionics component locations, troubleshooting procedures and remove/replace procedures. The LSC training will include related safety, handling operation and storage of T-38 AUP assets.

3.1.13.3.2. The LSC will provide training; technical assistance and advice during the initial year period, but the focus will be on training small groups of no more than six organizational maintenance technicians. Duration of training for each group is estimated to be two months (two weeks of classroom training for theory and systems overview and four weeks of hands-on training). The hands-on training shall be a combination of informal classroom, i.e. students observing LSC personnel performing maintenance on-aircraft, and student maintenance with LSC instructor observation.

3.1.13.3.3. The T-38 LSC shall provide an on-site Field Services Representative (FSR) support during performance of this contract. The FSR will provide technical interface for engineering support, proficiency/refresher training to the organizational maintenance contractor personnel, support investigations and provide technical assistance.

3.1.13.3.4. The T-6A initial training will be provided by the Government via the T-6A CLS contract at Sheppard AFB. Training will not exceed the following:

SHEPPARD AFB AIRCRAFT MAINTENANCE

3.1.13.3.4.1. Block 1 - Aircraft Maintenance (General) and Pneudraulics and Aircraft Engines* 15 Training Slots

* Includes engine run qualification for six people

3.1.13.3.4.2. Block 2 - Aircraft Electrical and Environmental Systems 6 Training Slots

3.1.13.3.4.3. Block 3 - Avionics Guidance and Control and Communications and Navigation Systems 10 Training Slots

3.1.13.3.4.4. Block 4 - Aircraft Fuel Systems 5 Training Slots

3.1.13.3.4.5. Block 5 - Aircraft Egress Systems 5 Training Slots

3.1.13.3.5. The T-6 LSC will provide three on-site FSRs during performance of this contract. One FSR will focus on aircraft general maintenance, one will focus on avionics systems maintenance, and one will focus on engine maintenance. The FSRs will provide technical interface for engineering support, support investigations, and provide technical assistance for aircraft general, avionics systems, and engine maintenance.

3.1.14. Personal Appearance. The contractor personnel shall show clear, continuous evidence of a professional workforce. The contractor's personnel shall present a neat and well-groomed appearance, exhibit enthusiasm and professionalism.

3.1.14.1. Contractor Apparel. The contractor personnel shall wear distinctive clothing (uniforms). Contractor personnel up to branch supervisor (or equivalent) level shall wear uniforms (shirts and pants/shorts or coveralls) with embroidered badges that clearly depict the company name and employee name. Contractor shall provide jackets/coats which shall have embroidered badges and organizational patch (optional) that clearly depict the company name and employee's name; however, off-equipment/shop contractor employees who do not dispatch to hangars or the flight line need not be provided jackets/coats. The wearing of the union insignia on outer-wear (shirt and jacket/coat) is permitted. However, the union insignia must not exceed 13 square inches in size and must be permanently attached to the upper right sleeve of the uniform by either ironing-on, sewing-on or embroidering. All clothing worn by contractor personnel must conform to TO 00-25-172, AF directives, applicable technical data and OSHA Standards. The contractor shall ensure clothing and jewelry worn by employees

does not present a FOD hazard. The Government will determine what is considered a FOD hazard. The contractor may request waiver or exception of above uniform requirement for industrial and flight line areas.

3.1.14.2. Management/office employees such as supervisors (branch level and above), clerks, secretaries, etc. are not required to wear uniforms but shall present a conservative business appearance at all times and be easily recognized as a contractor by wearing contractor-provided name tags depicting company name, employee's name, and employee's title. Embroidered badges worn by supervisory personnel shall reflect the specific individual supervisor's position.

3.1.14.3. During periods of warm weather, the wear of sleeved T-shirts as outer garments is permitted; however, T-shirts must be plain or may display the company logo and/or union insignia. The union insignia, if worn on the T-shirt, shall be silk-screened on the front chest-pocket and shall not exceed 13 square inches in size. The abbreviated name of the company and/or union shall also be permitted on the back of the T-shirt, with letters in a symmetrical pattern and not exceeding two inches in height.

3.1.14.4. The following apparel **SHALL NOT BE WORN**: apparel in a ragged or frayed condition, blue jeans, tank tops, halter tops, crop tops, sleeveless shirts, mesh and see through garments, exposed clothing with obscene or advertising logos or undergarment type shirts worn as exterior clothing, gym or sweat suit apparel, and other abbreviated attire, or any clothing that in the judgment of the Government could present an unfavorable image or cast discredit upon the installation, its personnel, or the United States Air Force.

3.1.14.5. The contractor, FC and CO will determine the appropriate dress for situations not covered above or which an interpretation must be decided. Personnel shall be in uniform NLT 60 days following contract start date and NLT 30 days for newly hired employees.

3.1.14.6. The contractor may provide a cap displaying the company logo only. As an option, the union may furnish a cap displaying the union insignia only. The Air Force retains approval authority over the color of the cap. No other caps are authorized. If the cap is worn it must have a positive means of being secured to the individual to prevent it from becoming a potential source of FOD. If caps are worn on the flight line they must adhere to AF/AETC, OSHA and commercial FOD prevention directives/standards.

3.1.14.6.1. Contractor personnel shall not wear hats or caps in an intake danger zone as defined by the specific aircraft TO, while engines are operating.

3.1.15. Contractor personnel shall conform to TO 00-25-172, Ground Servicing of Aircraft and Static Grounding/Bonding, AFMAN 91-201, Explosive Safety Standards,

SHEPPARD AFB AIRCRAFT MAINTENANCE

and OSHA Standards. In addition, the contractor shall ensure clothing, jewelry, hair pieces and accessories worn by contract personnel with access to the flight line do not present a potential FOD hazard.

3.1.16. The contractor shall implement and manage an Automated Maintenance Management System Program IAW AETCI 21-101, Vol. 1, Ch. 1. The contractor shall support Core Automated Maintenance System (CAMS) and AETC automated status reporting/scheduling/technical systems, including Comprehensive Engine Management System (CEMS), Reliability Equipment Maintenance Information System (REMIS), Integrated Base-level Engine Management System (IBEMS), Engine Load Program (ELP), CEMS Forwarding Program (CFP), Joint Computer Aided Logistics Support (JCALS) and Automated Oil Analysis Program (AOAP). On-going initiatives to improve automated programs shall be adopted by the contractor as AETC fields hardware/software development and/or implementation. The contractor shall:

3.1.16.1. Perform CAMS database management and serve as host database management IAW AETCI 21-101, Vol. 1, Ch. 1, and AFCSM 21- series Vol.s to include 556, 558, 559, 561, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 577, 578 and 579. CAMS database management personnel must have attended CAMS Database Manager Course or equivalent prior to the contract start date. Personnel who do not meet the above requirements shall not access the CAMS database internal files.

3.1.16.1.1. The CAMS database manager shall support tenant units to include the 188th Fighter Group (Fort Smith, Arkansas), 138th Fighter Group (Tulsa, Oklahoma), and 82nd Training Wing; to include weekends. The database manager will be given access to DSN lines from his/her home after duty hours in order to work software/system problems.

3.1.16.1.2. The contractor shall be responsible for all maintenance duties/requirements associated with CAMS/Standard Base Supply System (SBSS) interface to include, but not limited to: process priority requests for parts and other items needed for unscheduled maintenance; process bench stock weekly walk-throughs and cycle (monthly) replenishments; order parts and other items needed for shop stock; process TCTO kit requirements via CAMS/SBSS interface; process Not Repairable This Station (NRTS) formats F, G, or H, to report specific action taken on MICAP requirements; process DIFM changes to indicate the current status and location of DIFM assets; process due-in/due-out input to ensure data in both systems are correct; process due-out cancellation on discontinued requirements; update the SBSS with maintenance turnaround transactions of items repaired and reused by maintenance; force release Due Out Release (DOR) TCTO kits to maintenance; perform Document Validation Report (DVR) monthly to ensure CAMS/SBSS data is in the reconciliation of the CAMS and SBSS

databases, and the loading of records for manually assigned document numbers; and review CAMS Priority Monitor Report (PMR) weekly to initiate follow-up action as needed on Urgency of Need Designator (UND) A and B requirements.

3.1.16.1.3. The contractor shall utilize the Forward Asset Support Training (FAST).

3.1.16.1.3.1. The contractor shall ensure parts and equipment ordered from the FAST facility are picked up within the time limits prescribed IAW AF and AETC instructions.

3.1.16.1.4. Appoint a data processing monitor who will comply with the instructions and taskings issued by the 80th FTW database managers. Locally monitor CAMS database accuracy, complete required inventories and submit and monitor DIREPS/SANS.

3.1.16.1.5. The contractor shall use CAMS products and perform all CAMS input tasks IAW AETCI 21-101, AFI 21-103, AFI 21-104, AETCI 21-104, AETCI 21-105, TO 00-25-254, and TO 00-20 series.

3.1.16.1.6. All CAMS training will be documented in employee training records.

3.1.16.1.7. Maintain timely and accurate input and accountability of maintenance work-hours expended.

3.1.16.1.8. Establish a method to ensure actual status of the aircraft as reflected in the aircraft forms match with current status reflected in CAMS.

3.1.17. The contractor shall implement and manage a Computer Systems (CS) Management Program IAW AFI 33-112. The contractor shall appoint equipment custodians. The contractor shall use all currently installed automated data systems until replaced by the Government. Prior to any CS or CAMS equipment being declared excess, the HQ AETC/LGX CS program manager shall be notified in writing through the CO.

3.1.18. The contractor shall establish and perform Budget Management Functions IAW AETCI 21-101, Ch. 1. The contractor shall provide a budget management function to account for supply, equipment and parts expenditures within the maintenance complex.

3.1.18.1. The Resource Management Office will provide the contractor with an annual budget allocation and assign an annual budget distribution that the contractor shall manage as the annual operating budget. Copies of any and all correspondence and reports submitted to the resource advisor shall be provided to the CO.

3.1.18.2. The budget management function shall prepare and submit supply and equipment requirements for inclusion in the wing budget, financial plans, budget estimates and operating budget. Funding requirements are consolidated by the wing resource advisor in the wing financial plans. Fifteen days prior to the beginning of each quarter, the contractor shall forward his/her quarterly phasing to the wing Resource Management Office.

3.1.18.3. The budget management function shall monitor the status of supply and equipment expenditures. Expenditures shall be tracked by cost per aircraft flying hour, cost per operations and maintenance (O&M) day and non-flying hour costs incurred in the day to day flying operations. Changes or potential problems in requirements that will have a significant impact on funding shall be brought to the attention of the wing resource advisor. Funds obligated in General Support Division and Material Support Division accounts shall be tracked independently. Not later than the end of the second month of each quarter the budget management function shall perform a financial status assessment of the account and coordinate additional quarterly phasing request with the Resource Management Office. Financial status evaluation is essential to ensure necessary base funded material and services are available to support the production activity and determine if expenditures are progressing as planned.

3.1.18.4. The budget management function shall establish quarterly targets based on projected flying hours. The contractor shall not exceed quarterly expenditure targets without prior notification in writing to the CO and wing resource advisor.

3.1.18.5. The budget management function shall advise the wing resource advisor weekly on the financial status of the supply and equipment accounts. The budget management function shall track all equipment, parts, and supplies. Evaluation of current status of the operating budget determines if expenditures are progressing as planned or if further controls or financial adjustments are necessary.

3.1.19. The contractor shall provide a micropurchase program to procure those flying hour cost related supplies, equipment and non-recurring non-personal services listed in this contract as provided by the Government, authorized in AFI 64-117, Chapter 2, and authorized as purchases using appropriated funds (reference AFI 65-106 and AFI 65-601, Vol 1) (Reference Appendix 3B for workload data).

3.1.19.1. All purchases shall be approved by the applicable Government Resource Advisor prior to purchase. The contractor shall develop a directive outlining micropurchase program procedures within their organization. This directive shall be submitted to the ACO NLT 30 calendar days after contract start for review and acceptance by the Government.

3.1.19.2. All micropurchases shall be procured and paid for by the contractor. The contractor will be reimbursed by the Government for these purchases under the fly hour Micropurchase Program CLIN, with the exception of those assets and services identified as target dollar requirements. Reimbursements are not entitled to fee, G&A, overhead or profit.

3.1.19.3. The applicable Government Resource Advisor will provide the contractor with quarterly targets for flying hour expenditures. The contractor shall not exceed quarterly expenditure targets without CO approval. The contractor may establish a credit card program or any standard commercial practice for procuring subject items or services. If established, any late fees or finance charges incurred to the credit card account(s), or other standard commercial practice, through no fault of the Government will not be reimbursed.

3.1.19.4. All assets and service deliveries procured by the micropurchase program shall immediately convert to Government ownership upon delivery or acceptance.

3.1.19.5. The contractor shall monthly segregate micropurchase costs as either flying hour or non-flying hour expenditures defined as authorized cost per flying-hour expenditures in the annual AETC Fiscal Year General Guidance. The contractor shall provide a copy of micropurchase cost data to the applicable Government Resource Advisor by the fifth workday of the following month. Reference paragraph 3.1.18.3.

3.1.20. The contractor shall provide Contingency and Dispersal Management IAW AFI 32-4001 and AETCI 21-101, Ch. 1. The contractor shall provide all maintenance and support IAW existing plans and agreements (see Appendix 3G). The contractor shall:

3.1.20.1. Appoint a disaster preparedness officer and a disaster control group member IAW AFI 32-4001, Ch. 1 (see Appendix 3E). Use the priorities established by the Contingency Support Staff (CSS) if the activation or exercise of multiple contingency plans generates conflicting support requirements. If the contractor cannot accomplish a routine workload due to the activation or exercise of any contingency plan, the Government may waive remedial action against the contractor for nonsupport of lower priorities. The Government, solely at its option

may augment emergency requirements when the Government perceives that mission accomplishment is endangered.

3.1.20.2. Participate in the development of Government plans that involve contractor-controlled resources.

3.1.20.3. When required by the CO, respond to all new requirements directed by base or unit plans. The CO will verbally advise the contractor of the effort required and follow up as soon as possible with a written authorization. In the event that new requirements (as directed by Government plans) will result in an increase in contract price, the contractor shall submit a request for equitable adjustment within 30 calendar days of notice of the new requirement.

3.1.20.4. Provide a representative, normally the contract manager or alternate(s), to the CSS who will serve as a point of contact for all maintenance requirements during real or exercise contingency situations. Representative must have a SECRET security clearance and current training (Government-furnished) in CSS operations. Contractor shall maintain a list of CSS qualified personnel and will request training from the 82 TRW Command Post when needed.

3.1.21. Environmental Protection Management. The contractor shall perform the requirements of this SOW in an environmentally acceptable manner and shall comply with all applicable OSHA, federal, state, and local environmental protection and health laws and regulations to include the local Installation Restoration Plan. The contractor shall:

3.1.21.1. Ensure policies and procedures are established that implement pollution prevention guidance to minimize/eliminate the risk of environmental pollution.

3.1.21.2. Prior to purchase and use of any non-Air Force procured hazardous materials (i.e., paint, solvent, etc.) obtain approval from the base or host Hazardous Material Flight.

3.1.21.3. Cooperate with base officials in resolving incidents, and take corrective action to prevent recurrence, where the release of hazardous/toxic/radioactive material occurs within the contractor's areas of responsibility as defined in this SOW.

3.1.21.4. Comply with all federal, state, and local environmental laws, and Air Force, AETC, base and 80th FTW policies, instructions and regulations to include, but not limited to: Resource Conservation and Recovery Act (RCRA), Safe Water Drinking Act (SWDA), Clean Air Act (CAA), Clean Water Act (CWA), Federal Facilities Compliance Act (FFCA), Emergency Planning And Community Right-To-Know Act (EPCRA) and applicable training requirements.

3.1.21.5. Use, handle, store and dispose of all toxic, hazardous, special, or radiological wastes/materials in accordance with all state, local, federal, Air Force, AETC, base and 80th FTW environmental regulations and procedures. The Government or acting on-site authorized agent, shall properly train no more than an overall total of eight contractor personnel in the proper procedures to include spill response and cleanup related to performance of this contract. The contractor shall be responsible for initial and recurring training of their employees IAW AFI 32-7042.

3.1.21.6. Meet or exceed all EPA, state, and local regulatory requirements concerning the release of chlorofluorocarbons (CFCs), the need for recycling equipment, and certification/training of technicians. The Material Safety Data Sheets (MSDSs) and directive guidance for Ozone Depleting Substance (ODS) usage shall be provided to the applicable hazardous material pharmacies (HMP) and Bioenvironmental Engineering (BE) offices.

3.1.21.7. Manage hazardous material in accordance with AFI 32-7086. The contractor shall participate as a member of the base's hazardous material management process team, known as the (HMMP). Acquisition, usage, handling, storage, and disposal shall comply with the HMP concept of operations and any locally developed guidance.

3.1.21.8. Provide HMP offices with copies of all MSDSs for those hazardous materials used, proposed for or brought on base.

3.1.21.9. Provide Environmental Flight with information necessary to accomplish Emergency Planning and Community Right-To-Know Act (EPCRA) reporting requirements.

3.1.21.10. Not disturb any facilities without consultation with the Environmental Flight and shall abide by all state, federal, and local requirements related to the base's Installation Restoration Plan, Asbestos, and Lead Based Paint (LBP). If the contractor is to perform any abatement activities, the contractor shall be licensed as required, have proper training; and submit all 10 working day asbestos notifications and all waste manifests to the Environmental Flight for signature.

3.1.21.11. Weapon System Contract Class I ODS Senior Acquisition Official (SAO) Approvals. Weapon System or support system contracts which require the use of, or can only be met by, the use of a Class I ODS, or which deliver any item containing Class I ODS, must have SAO approval. These SAO approvals grant access to the Defense Logistics Agency (DLA) Class I ODS Defense Reserve or grant permission to purchase Class I ODSs. The contractor shall:

3.1.21.11.1. Ensure all Air Force organizations have a valid Class I ODS SAO approval before:

SHEPPARD AFB AIRCRAFT MAINTENANCE

3.1.21.11.1.1. Awarding a contract which requires the use or can only be met by the use of a Class I ODS.

3.1.21.11.1.2. Requisitioning a Class I ODS from the DLA Class I ODS Defense Reserve.

3.1.21.11.1.3. Procuring a Class I ODS through a local purchase request.

3.1.21.11.1.4. Servicing systems or equipment that contain a Class I ODS. Servicing systems or equipment shall include any of the following processes: recovery, recycling, reclamation, or reuse (ref SAF/AQX Memorandum 27 Sep 95). All ODSs in such systems shall be returned to the Government when the ODS is no longer needed or at the end of the contract.

3.1.21.12. Provide a complete environmental plan to assure compliance with all environmental statutes and regulations. One copy of the plan shall be provided to the CO for review and acceptance at the pre-performance conference and as changes occur. Additionally, a copy and any changes shall be provided to the Environmental Flight. The plan shall be audited to assure compliance with timely changes and distribution of all formalized changes to the plan. The plan shall include, but not be limited to, the following:

3.1.21.12.1. Hazardous waste accumulation, transportation, storage and personnel training.

3.1.21.12.2. Spill cleanup and training to include a spill response plan. Provide input documentation of operation sites for inclusion in base spill plan.

3.1.21.12.3. Self-evaluation program which ensures compliance with all federal, state, local, Air Force, AETC, 80th FTW and base environmental regulations and laws.

3.1.21.12.4. Establish Hazardous Material/Waste Training Program for all personnel.

3.1.21.12.5. Ensure proper collection and turn-in of toxic, hazardous, special or radiological wastes and materials are IAW current Air Force regulations, directives, instructions, policy letters, and federal, state and local environmental rules and regulations. The contractor shall coordinate with the Environmental Flight for all waste manifests prior to transport of any waste materials from the boundary of the base. The contractor shall:

3.1.21.12.5.1. Identify, in writing to the CO, the Hazardous Material Pharmacy and Environmental Flight, a point of contact (POC) for all environmental issues by contract start date. Submit changes in writing to the CO, Hazardous Material Pharmacy and Environmental Flight, as they occur.

3.1.21.12.5.2. Identify, in writing to the CO and the Hazardous Material Pharmacy and Environmental Flight, the primary and alternate POCs for satellite accumulation points by contract start date. Submit changes in writing to the CO, Hazardous Material Pharmacy and Environmental Flight, as they occur.

3.1.21.13. Environmental Protection. The contractor shall:

3.1.21.13.1. Operate all Government-furnished and/or contractor-furnished equipment IAW federal, state, county, and local regulations and plans.

3.1.21.13.2. Have on-hand at all times Government-provided expendable and compatible materials or equivalent for hazardous material spill containment and cleanup. Minimum absorbent material shall be enough to either absorb or at least contain the spill from the largest container used normally a 55 gallon drum. Additionally, each of these locations shall have a minimum of 10 Government-provided absorbent spill pads.

3.1.21.13.3. Place absorbent material, fuel spill pads or other type of absorbent as appropriate to all leaks and spills that occur in the contractor's operating areas regardless of cause or fault.

3.1.21.13.4. All spills, regardless of size, are reportable to the appropriate Environmental Flight IAW the base spill plan.

3.1.21.13.5. Containment and cleanup are required to protect property or water drainage systems IAW the base spill plan. The contractor shall be liable for all cleanup costs associated with any spills or releases caused by the contractor or subcontractors to the contractor. If Air Force personnel conduct cleanup, the contractor shall reimburse the Air Force for all costs associated with the cleanup action to include supplies, equipment, personnel and other miscellaneous expenses.

3.1.21.14. Environmental Compliance Assessment and Management Program (ECAMP). Government ECAMP evaluations are performed every year by an external team (personnel outside the unit/base) and/or an internal team (personnel from the base). All organizations' compliance with federal, state, local, and Air Force environmental regulations and laws are evaluated. The contractor shall support the ECAMP process. When requested, contractor shall provide a

knowledgeable person to the internal or external team, usually the environmental POC, for the entire length of the ECAMP evaluation and any prior training sessions and/or meetings.

3.1.21.15. Environmental Impact Analysis Process (EIAP). EIAP is the Government program for ensuring compliance with the National Environmental Policy Act (NEPA). The contractor shall submit an AF Form 813, Request for Environmental Impact Analysis, for all new actions and/or changes to existing conditions, i.e., new construction projects, new or different maintenance processes etc. Requirements are outlined in AFI 32-7061, The Environmental Impact Analysis Process.

3.1.21.16. Natural and Cultural Resources. The contractor shall comply with the natural and cultural resource policies and procedures.

3.1.21.17. Salvageable Goods. Precious metals shall be turned in to the appropriate base agency. Additionally, all metal type waste (i.e., steel, iron, etc.) or any other type of waste material targeted for recycling under the base recycling program shall be recycled and/or disposed IAW the base policy.

3.1.21.18. Environmental Inspections. Hazardous waste and used oil accumulation and satellite collection points shall require regular inspections by point managers as defined in the Hazardous Waste Management Plan. Contractor shall be responsible for initiating corrective action for any discrepancies within 24 hours of identification. Additionally, the Environmental Flight may also inspect any accumulation point of a facility at any time. Environmental Flight representatives have the authority to initiate shutdown of operations if discrepancies could lead to environmental violations.

3.1.21.19. Environmental Violations and Fines. The contractor shall reimburse the Government for any remediation undertaken to clean up releases by the contractor and for any civil or criminal fines or penalties for any environmental infraction caused by the contractor (or any subcontractors). The contractor shall be responsible for paying any regulatory agency (OSHA or NRC, etc.) fines that are a result of contract operations.

3.1.21.20. The contractor shall follow all radio frequency (RF) emitter hazard avoidance and personal protection guidance (OSHA and American Conference of Governmental Industrial Hygienists (ACGIH)) and instruct employees in work center RF source emitter hazard potentials.

3.1.21.21. The contractor shall follow all laser emitter hazard avoidance and personal protection guidance IAW OSHA and American National Standards Institute (ANSI) and instruct employees in work center laser source emitter hazard potentials.

3.1.21.22. Wastewater Disposal. The contractor shall characterize, in conjunction with the Environmental Flight, all wastewater generated including, but not limited to, those from aircraft and vehicle washing, parts washing, painting, fuel tank accumulation and floor cleaning. Contractor shall perform pre-treatment of such wastewaters when it is determined necessary to meet influent discharge requirements of the wastewater treatment system used. Wastewaters shall not be disposed of into any storm water sewer system or into surface drainage channels or swales (not applicable to sanitary waste systems).

3.1.21.23. Storm Water Pollution Prevention. The contractor shall comply with all applicable provisions of the storm water pollution prevention plan, including the development and implementation of best management practices to prevent any contamination of storm water runoff from the contractor's work sites. The contractor shall become an active participant in the base storm water pollution prevention program, and must not undertake any practices which would lead to violation of provisions of the base storm water discharge permit.

3.1.21.24. The contractor's maintenance personnel shall comply with all AF, AETC, base and 80th FTW directives, policies, directives/instructions, and plans on waste minimization. Hazardous waste will be managed IAW 40 Code of Federal Regulations, Parts 260-271; 49 Code of Federal Regulations, Parts 171 and 172.

3.1.21.25. The contractor shall establish and manage maintenance waste/satellite accumulation points, collect waste, and accomplish the required paperwork for product inventories, record keeping of hazardous waste, and turn-in documents of acceptable accumulated waste required by the Defense Reutilization Marketing Office.

3.1.21.26. The contractor's maintenance personnel shall comply with all federal, state, local, and Air Force regulations providing the correct documentation for the disposition of accumulated wastes.

3.1.21.27. Hazard Communication (HAZCOM) Program. The contractor shall maintain a written workplace HAZCOM Plan and maintain Material Safety Data Sheets (MSDSs) in each affected work area/job site for all hazardous chemicals used during the contract period. The contractor shall appoint hazardous waste minimization designates and HAZCOM trainers.

3.1.21.28. The Government has installed a distillation unit for recycling certain hazardous wastes, primary solvents. The contractor shall provide the capability to reduce hazardous waste disposal costs by using the distillation unit provided by the Government. The distillation unit shall be operated IAW operating instructions of the unit and contractor shall provide user preventive and periodic maintenance of

equipment. Contractor shall operate a forklift to transport waste barrels to and from the unit. Housekeeping and spill prevention duties consistent with current and future guidelines shall be performed. The contractor shall provide distillation services for all base agencies who produce wastes capable of being recycled as required. Hazardous waste minimization plans developed by contract management and the Government shall be implemented.

3.1.21.29. Material Safety Data Sheet (MSDS) Management IAW 29 CFR 1910.1200. The contractor shall be responsible for obtaining and maintaining MSDSs for all hazardous chemicals/materials used in the contractor's immediate work areas. The contractor shall ensure MSDS filing locations are established and made readily available for company employees and Government Personnel. The contractor shall:

3.1.21.29.1. Maintain MSDS inventory binders in each individual work area for all items used in that particular work area. The format and setup of these MSDS binders shall be standardized throughout the maintenance complex. All information in these binders shall be kept current at all times.

3.1.21.29.2. Not accept hazardous materials into the work area without an MSDS sheet on file in the binder or issued with the item.

3.1.21.29.3. Ensure its employees comply with all MSDS safety equipment recommendations.

3.1.21.29.4. Ensure the MSDS and OSHA-mandated (29 CFR 1910.1200) hazardous chemical/hazardous material inventory is available for review by Government Personnel at any time during the performance of this contract.

3.1.22. The contractor shall implement and manage a Facilities Management Program IAW AFI 32-1024 and AETCI 21-101, Ch. 1. The contractor shall:

3.1.22.1. Perform minor maintenance and repairs of Government-furnished facilities commensurate with cleanliness and good housekeeping.

3.1.22.1.1. Minor maintenance and repairs include, but are not limited to, tasks such as patching interior walls and doors, replacement of easily accessible ceiling tiles, replacement of broken floor tiles, replacing a door stop, caulking interior walls, windows, and doors/door frames, spot-painting interior walls, doors, door frames, windows, window frames/sills, and interior trimming (not to exceed 200 square feet), replacement of electrical receptacle covers, etc. Any maintenance repair shall not exceed a total of 32 man-hours per project. Projects shall not be split to avoid exceeding square footage or man-hours stated above. The Government will provide, as available, through the base self-help center,

all material to perform facilities upkeep and minor maintenance. If asbestos and lead-based paint are present in the facility, then the contractor must adhere to OSHA regulations (29 CFR 1926.62 and 1926.1101) in performing upkeep and maintenance.

3.1.22.2. Submit AF Form 332, Facility Work Order describing each item of work to be done to include sketches and diagrams when maintenance or repairs exceed the requirements listed in 3.1.22.2.1.

3.1.22.3. Be encouraged and may perform landscaping initiatives such as, but not limited to, shrubs, grass, wood chips, lava rock, etc. These efforts will be considered under the award fee provision. The Government will provide, as available, through the base self-help center, all material to perform landscaping projects. Landscaping initiatives shall be coordinated with the base Natural Resources manager in host unit civil engineering and shall be implemented in accordance with the base Integrated Natural Resources plan and the base energy management plan.

3.1.22.4. Be responsible for all facilities furnished for contractor's primary occupancy and use to ensure that assigned grounds, sidewalks, storage areas, and parking areas are clean and kept free of litter within 50 feet of assigned buildings. The contractor shall be responsible for ice and snow removal around these facilities as outlined in the base snow removal plan and clearing areas in and around aircraft. The Government will remove snow from taxiways and taxi areas between the aircraft parking rows. The contractor shall be liable for any injuries resulting from failure to comply with the base snow removal plan.

3.1.23. The contractor shall implement and manage a Fleet Time Management Program IAW AETCI 21-101, Ch. 6, for each aircraft type.

3.1.24. The contractor shall implement and manage a Hangar Queen Program IAW AETCI 21-101, Ch. 1. The contractor shall establish local procedures for ensuring airworthiness of aircraft being removed from hangar queen status.

3.1.25. The contractor shall establish and perform Maintenance Analysis functions IAW AETCI-21-101 and prepare the monthly maintenance management evaluation report IAW AETCI 21-105 and the weekly logistics indicator report, RCS: AETC-LGM(W) 7104.

3.1.26. The contractor shall establish and perform Maintenance Operations Center (MOC) Functions IAW AETCI 21-101, Ch. 1. This function shall be operational and the facility physically manned during hours of any maintenance, servicing, transient maintenance or flying operation required to meet wing flying/maintenance requirements to include exercises, contingency plans, and support agreements. In addition, the MOC shall be manned during periods when coordination/support is

required beyond the capability of alert personnel or weekend duty supervisor or at the direction of the CO. **Weekend support shall be included in the target cost.**

3.1.27. The contractor shall implement and manage a Maintenance Status Reporting Program IAW AFI 21-103 and AETC Supplement, AETCI 21-104 and AETCI 21-101. In addition, the contractor shall ensure actual status of the aircraft as reflected in the aircraft forms match with current status reflected in the Core Automated Maintenance System (CAMS).

3.1.28. The contractor shall establish and perform Plans, Scheduling and Documentation Functions IAW AETCI 21-101, Section E, and AETCI 21-104. Note: Contractor shall provide maintenance scheduling effectiveness computations and rates to Government Personnel by the seventh calendar day of the next month. The contractor shall:

3.1.28.1. Perform aircraft AFTO 781 Series forms document reviews IAW AETCI 21-101, Ch. 10 or local procedures. Local procedures shall meet the minimum requirements stated in AETCI 21-101, Ch. 10.

3.1.28.2. Interface daily with Operations to meet flying requirements. The contractor shall have the flexibility to add aircraft to the schedule on a day-to-day basis, as requested by Operations, to meet changing operations and maintenance requirements IAW AETCI 21-104. Adding aircraft to the schedule will be noted as deviations to the flying schedule.

3.1.29. The contractor shall establish and perform Programs Management Functions IAW AETCI 21-101, Ch. 1.

3.1.30. The contractor shall submit Maintenance Assistance Requests IAW TO 00-25-107 to HQ AETC/LGM for action. Courtesy copies of requests shall be forwarded to Government Personnel.

3.1.31. The contractor shall establish and perform Protection and Security of Aircraft, Equipment, and Facilities Functions IAW AETCI 21-101, Ch. 1.

3.1.32. The contractor shall implement and manage an Industrial Hygiene/Occupational Health Program IAW OSHA requirements and 29 CFR 1910. The contractor shall establish a personal exposure-monitoring program to include, but not be limited to, air samples, noise dosimetry, and ionizing radiation dosimetry for employees. The contractor shall establish and provide any biological-monitoring programs required, provide training in and enforce the use of required personal protective equipment, and report to the CO any malfunctioning GFE requiring evaluations other than the annual surveys. If the contractor is unable to obtain an MSDS on an Air Force-procured chemical, the contractor may request assistance from the Hazardous Material Pharmacy and Bioenvironmental Engineering (BE) through

the CO. For chemicals procured via the local purchase process, the contractor shall provide a copy of the MSDS to the Hazardous Material Pharmacy and BE. The contractor shall:

3.1.32.1. Perform all duties and tasks required of the Radioactive Safety Officer, and Radioactive Material Permit Officer using Title 10, Code of Federal Regulations for guidance. The contractor will notify the installation Radiation Safety Officer prior to bringing radioactive material onto the installation.

3.1.32.2. Identify and Report Safety Hazards and Mishaps IAW AFI 91-204, AFI 91-204 and AETC Supplement, and AETCI 21-101, Ch. 13. The contractor shall implement a system that will immediately identify and report safety hazards, mishaps, and reportable incidents involving Air Force facilities, aircraft, or equipment IAW applicable directives to Government Personnel and appropriate unit Safety Office.

3.1.32.2.1. The contractor's procedure shall be submitted to the CO for acceptance no later than 30 calendar days after contract start date. The contractor shall assist the appropriate Unit Safety Office in the investigation and reporting of such mishaps. Mishap investigation and reporting of accidents involving only contractor employees shall be the responsibility of the contractor. The contractor shall immediately notify Government Personnel, the appropriate unit Safety Office, Wing/Unit Command Post, and CO of any serious injury or an on-the-job death of contractor employees. The appropriate Unit Safety Office staff will conduct work site visits of contractor operations to insure Government facilities and equipment are used and maintained IAW OSHA safety standards and applicable TOs. The contractor shall take action as directed by the CO to correct unsafe conditions/hazards identified during the visit. The contractor shall accomplish the functional manager hazard abatement responsibilities for the maintenance complex.

3.1.32.3. Comply with all explosive safety applicable provisions of AFMAN 91-201 to include all AETC supplements.

3.1.33. The contractor shall provide recovery and repair of off-station and cross-country aircraft support. The contractor shall be responsible for recovery and repair of assigned not mission capable (NMC) aircraft anywhere in applicable area. **Travel and per diem costs associated with T-37 and T-38 aircraft maintenance off-station support shall be included with the cost of this effort and will not be paid under the Travel CLIN(s) in Section B.** Appendix 3B contains historical workload data of T-37 and T-38 off-station NMC aircraft support.

3.1.33.1. The contractor shall dispatch required maintenance support, supplies, technical orders and support equipment as soon as possible, but not later than the next normal duty day following notification.

3.1.33.2. Off-Station Aircraft Support. Aircraft which become NMC while off station, other than an Air Force base that has the capability to make the needed repairs, and within a 300 mile radius, shall be supported by the owning unit. Support for aircraft beyond the 300 mile radius will be the responsibility of the closest base possessing like aircraft (ref Section 3B). This may include non-AETC aircraft that the contractor has the capability to support as determined by the CO. Distance shall be determined by using the Rand McNally Standard Highway Mileage Guide. A copy of this guide will be furnished to the contractor and maintained in the Maintenance Operation Center for this purpose. Contractor shall initiate support action upon notification, by the owning organization, that an AF, AETC, or interservice aircraft is NMC off-station, and a determination has been made that Sheppard AFB is the closest base. Contractor shall dispatch required maintenance crews, supplies, technical orders and support equipment not later than the next normal duty day following notification. Under circumstances where multiple aircraft require off-station support by a single base, priorities will be negotiated between the owning base(s) and the supporting base to minimize negative mission impacts. However, as a minimum, when multiple AF, AETC or interservice NMC off-station aircraft are within 300 miles of Sheppard AFB, maintenance crews shall be dispatched and shall have begun performing required maintenance on the aircraft not later than the beginning of the third duty day following notification. For each additional 400 miles, or portions thereof, an additional travel day will be allowed. Contractor shall provide continuous support necessary, to include weekends, to return the aircraft to mission capable (MC) status. Appendix 2B contains a map that identifies AETC wings and groups required to support off-station NMC aircraft. However, because Sheppard AFB will be the last AETC Unit with the T-37 aircraft, off-station recovery could include almost any location in North America until the T-37 leaves the DoD inventory.

3.1.33.2.1. The contractor shall perform BPO, thruflight and preflight inspections on off-station T-37, T-38 and T-6A aircraft as part of the off-station maintenance support/recovery.

3.1.33.2.2. The contractor may utilize Government air transportation for Mission Essential Ground Personnel (MEGP) in support of off-station, non-mission capable, aircraft, when space is available IAW AFI 11-401. MEGP flight scheduling will be coordinated and approved by the FC and CO.

3.1.33.2.3. When using military, commercial or private transportation sources, the contractor and its employee(s) agree to indemnify and hold the United States and its employees harmless, whether in tort or in contract, for any and all loss or disability for injury to or death of

contractor personnel in transit to or from or during the period of off-station recovery.

3.1.33.2.4. T-6A Off-Station Support. Off-station support requirements will be approved/disapproved in advance by the ACO. The contractor shall provide initial funding for contractor personnel providing off-station support for T-6A aircraft. The Government will reimburse the contractor for per diem and travel expenses using the Government rates IAW joint travel regulations in effect at the time of travel as a guide. Actual overtime expenses will be reimbursed by the Government for man-hours expended in support of Government requested departures prior to the next normal duty day. **TRAVEL AND PER DIEM COSTS ASSOCIATED WITH T-6A AIRCRAFT MAINTENANCE OFF-STATION SUPPORT SHALL BE REIMBURSED UNDER THE T-6A OFF-STATION SUPPORT CLIN--NOT UNDER THE TRAVEL CLIN IN SECTION B.**

3.1.34. The contractor shall support the Repair Cycle Asset Management System (RCAMS) Program IAW TO 00-20-3, AFI 21-101, and AETCI 21-101, Ch. 17. The contractor shall ensure:

3.1.34.1. Quarterly average turnaround time for repair base level reparable assets does not exceed standards. The repair priority listing specified in AETCI 21-101 shall be used as the only basis for establishing repair cycle asset priorities

3.1.34.2. Reparable Parts Base Repair Capability meets standards. The contractor shall provide a report using CAMS data detailing the monthly results to the Government by the sixth workday of the month.

3.1.35. The contractor shall implement and manage a Severe Weather Aircraft Protection Program IAW AETCI 21-101, Ch. 1 and local directives. The contractor shall develop comprehensive plans to support protection of aircraft and equipment (including Government-owned vehicles) during severe weather at home station and applicable landing and (or) alert sites. The contractor shall ensure aircraft de-icing procedures are established IAW local directives and applicable technical data.

3.1.36. The contractor shall establish, manage, and perform Supply Discipline Functions IAW AFI 21-101, and AETCI 21-101, Ch. 16. The contractor shall be responsible for all maintenance duties/requirements associated with CAMS/Standard Base Supply System (SBSS). Process priority requests for parts and other items needed for unscheduled maintenance. Process bench stock weekly walk-throughs and cycle (monthly) replenishments. Process TCTO kit requirements. Process Not Repairable This Station (NRTS) formats F, G, or H, to report specific action taken on

MICAP requirements. Process due-out cancellation on discontinued requirements. The contractor shall:

3.1.36.1. Process submission of abstracts for International Merchant Purchase Authorization Card (IMPAC) purchases. These duties/requirements include: completing all research and purchase data for IMPAC abstract and coordinating the purchase request with the IMPAC card.

3.1.36.2. Establish and maintain a bench stock and shelving to support the T-37 and T-38 aircraft IAW AF directives and AETCI 21-101, Ch. 16.

3.1.37. The contractor shall implement and manage Reclamation Programs for the benefit of the Government using AF Instructions for guidance. The contractor shall:

3.1.37.1. Implement and manage a Wastebuster Program IAW AF Instructions and AETCI 21-101, Ch. 16.

3.1.37.2. Implement and manage Precious Metals Recovery Program IAW AF Instructions and AETCI 21-101, Ch. 16, and local directives.

3.1.37.3. The contractor shall implement and manage a Cannibalization Program IAW AETCI 21-101, Ch. 15.

3.1.38. The contractor shall implement and manage a Tool Management Program (also known as Consolidated Tool Kit (CTK) Program) IAW AFI 21-101, AETCI 21-101, Ch. 18 and/or the current National Aerospace Standard 412 and foreign object damage/debris prevention. The contractor shall:

3.1.38.1. Establish a contractor directive which specifies procedures for an error-free tool management program encompassing all facets of strict tool accountability, control, and storage procedures for common and special tools, and support and test equipment.

3.1.38.2. Establish procedures to ensure all test and support equipment inspections, operational checks, and/or calibrations are performed as prescribed by applicable TOs.

3.1.38.3. Establish lost tools/equipment procedures and a training program for all technical (non-clerical) personnel.

3.1.39. The contractor shall establish and manage an effective training IAW AFI 36-2201, AETCI 21-101, Ch. 1, and AETCI 21-103 to ensure employees are duty-positioned and maintenance-task qualified and/or certified. The contractor shall:

3.1.39.1. Formulate and submit to the CO three copies of a comprehensive Training/Qualification/Certification Plan, for each function or work center no later than the pre-performance conference) and upon revision for review and acceptance by the CO (See Appendix 3I for special training, certification, and license requirements).

3.1.39.2. Maintain individual training records on each employee to include the position and title. As a minimum, those records shall contain all system tasks on which the individual is qualified to perform maintenance/inspections, the name of the individual that provided the training and the date training was conducted/completed. Primary and alternates will be trained in all tasks to prevent "one deep manned difficulties." Training records shall be made available to the Government upon request. All ancillary/recurring training and special certifications shall be documented in CAMS.

3.1.39.3. ECI Courses. The contractor's employees are eligible to enroll in ECI courses and participate in Air Force training courses requiring TDY when it is of direct benefit to the Government as approved by the CO. Such training will be provided IAW Air Force criteria and funding will be determined by provisions of the contract.

3.1.39.4. Environmental Training. The contractor will provide shop level pollution prevention training to all shop level personnel IAW AFI 32-7080.

3.1.40. The contractor shall implement and manage a Unit Production Goals Program IAW AETCI 21-101, Ch. 21.

3.1.41. The contractor shall implement and manage a Maintenance Training Aircraft Program IAW AETCI-21-101, Ch. 1. The contractor's procedures shall include parts cannibalization control, accurate aircraft maintenance forms documentation, and coordinating on- and off-equipment maintenance. The contractor shall:

3.1.41.1. Ensure the maintenance training aircraft program supports Government Personnel training requirements as required

3.1.41.2. Provide T-37, T-38 and T-6A aircraft for quarterly Base Fire Department egress training, as requested. Aircraft will have all ground safety devices installed, and aircraft seats will be de-armed.

3.1.42. The contractor shall implement and manage a Vehicle Management Program for Government-owned vehicles IAW AETCI 21-101, Ch. 1, and applicable AF directives. The contractor shall:

3.1.42.1. Perform user maintenance, i.e., maintaining proper fluid levels, tire pressure, weekly washing and periodic waxing and comply with the procedures

concerning Government vehicles IAW AFI 24-301, AFI 24-302 and local instructions.

3.1.42.2. Perform daily inspection on all Government vehicles and support equipment to be operated or used on the flight line for serviceability and safety using AFI 24-302 and AF Form 1800/1806 as a guideline.

3.1.42.3. Report all accidents while operating a Government vehicle for investigation IAW AFI 24-302 and AFI 91-204.

3.1.42.4. Participate in any Top Wheels Competition (Government-furnished vehicles only).

3.1.43. SORTIE GENERATION. The contractor shall:

3.1.43.1. Accomplish production activities and procedures IAW AETCI 21-101, Ch. 2, and Maintenance Production Functions IAW AETCI 21-101, Ch. 3, Sections A and B.

3.1.43.2. Perform Operational Sortie Generation Functions IAW AETCI 21-101, and Ch. 3, Sections A and B. The contractor shall establish operations responsible for T-37, T-38 and T-6A to include, but not limited to, aircraft servicing, scheduled and unscheduled (on-equipment) maintenance, aircraft -6 inspections; preflight, thruflight, basic postflight, hourly postflight and special inspections to include local workcards and checklists listed in Appendix 3A, TCTOs and OTIs. In addition, the contractor shall perform cleaning, ground handling and launching and recovery of aircraft. This operation shall work closely with the Maintenance Operation Center to report current aircraft status, request base agency support (i.e., POL, fire department, air freight, etc.), and request specialist help for maintenance beyond the capabilities of personnel or equipment IAW AFI 21-101, and AETCI 21-101. The contractor shall:

3.1.43.2.1. Perform launch and recovery procedures IAW aircraft specific technical data, AFI 11-218 and AETC Supplement, and AETCI 21-101, Ch. 2 and 3. Additionally, the contractor shall ensure maintenance personnel greet aircrews upon arrival at aircraft, accompany them on preflight inspections, assist in cockpit activities, assist with deplaning and ensure maintenance personnel are present to marshal aircraft in and out of parking locations.

NOTE: Contractor employees who perform inspections IAW AETCI 21-101, Vol. 2 shall not perform more than three basic and/or combined preflight/postflight inspections during any eight hour shift or four inspections in any twelve hour shift.

3.1.43.2.2. Collect Engine Trending & Diagnostic (ET&D) data from all T-38C aircraft. Download and analyze the data to the Comprehensive Engine Management System IV, IAW TO 00-25-257. Collect, store and analyze other T-38C Data Transfer System (DTS) data including, but not limited to, exceeded engine and G-limit data, Maintenance Fault Lists (MFLs), Pilot Fault Lists (PFLs) and Built In Test (BIT) data after each flight regardless of aircraft status.

3.1.43.2.3. Build-up, store and maintain at least two serviceable T-6 aircraft canopy assemblies. Parts required to build-up the canopies will be supplied by the T-6 LSC.

3.1.43.2.4. Retrieve parachutes from aircraft and return them to Life Support during inclement weather.

3.1.43.2.5. Accomplish all requirements in the daily and weekly flying and maintenance schedules.

3.1.43.3. The contractor shall ensure aircraft exteriors are well maintained for cleanliness and appearance outside of the normal aircraft wash schedule. Aircraft shall be spot cleaned as necessary to prevent deterioration of the protective coating and an accumulation of dirt, bugs, grease and residues. The contractor shall:

3.1.43.3.1. Establish flight preparedness procedures, prior to flight that shall include wiping residues such as hydraulic fluid, engine oil, grease, exhaust gases, etc., off of aircraft exteriors, ensuring aircraft cockpits are FOD free, instruments smudge free, interior wiped down/cleaned and canopies/windows cleaned prior to the arrival of flight crews.

3.1.43.3.2. Wipe down any aircraft after performance of maintenance. All affected panels and adjoining areas shall be cleaned to remove handprints and stains.

3.1.43.3.3. Wipe down every aircraft every seven days. This wipe down shall concentrate on all aircraft exterior surfaces. Aircraft wipe downs shall be accomplished year-round. During winter months, freezing precautions shall be observed IAW TO 1-1-691.

3.1.43.3.4. Clean aircraft cockpit, to include vacuuming, at least every fourteen days. Documentation of the above washing/wiping and/or cleaning shall be in the applicable equipment and aircraft forms.

3.1.43.4. The contractor shall establish and perform Aircrew Debrief Functions after every sortie regardless of condition to include like transient aircraft in NMC status IAW AETCI 21-101, Ch. 14 and local guidance.

3.1.43.5. The contractor shall support and participate in studies and tests of aircraft system upgrades and changes as directed by higher authority.

3.1.43.6. The contractor shall implement and manage a Deferred Discrepancy (DD) Management Program IAW AETCI 21-101, Ch. 9.

3.1.43.6.1. The awaiting maintenance (AWM) deferred discrepancy rates shall not exceed performance thresholds listed in Section 3-2. Additionally, all AWM deferred discrepancies recorded against an aircraft shall be scheduled and corrected as soon as possible on the flight line, but no later than the next periodic/phase inspection unless an extension is approved by the CO.

3.1.43.7. The contractor shall implement and manage a -21 Equipment Management Program IAW AFI 21-103 and applicable TOs. The contractor shall maintain, store and manage assigned aircraft -21 equipment (see Appendix 3B for workload estimate). Provide an exact inventory of -21 equipment IAW annual Government property inventory requirements.

3.1.43.8. The contractor shall establish and perform Forms Documentation Functions IAW TO 00-20 series and AETCI 21-101. The contractor shall maintain and document aircraft and equipment forms and ensure accurate status of aircraft and equipment condition is reflected in the forms and the CAMS at all times.

3.1.43.8.1. The contractor shall use all applicable Government forms to include aircraft maintenance automated forms IAW the 00-20 series TOs and AETCI 21-101. The contractor may deviate from using Government forms by writing a contractor regulation listing all contractor/alternative forms used in lieu of Government forms and submitting an example of the proposed alternate forms for review by Government QA Personnel and approval of the CO. Alternate forms will comply with the intended effect or product contemplated and be numbered IAW AFI 37-160, Vol. 7.

3.1.43.9. The contractor shall establish and perform Transient Aircraft (TA) Support Functions IAW TO 00-20 series and AETCI 21-101, Ch. 3. (see Appendix 3B for workload data) The contractor's TA shall be responsible for transient aircraft control, parking, servicing and maintenance as required. The contractor shall inform MOC when transient aircraft require specialist support, and launch/recover IAW applicable directives. Inform the MOC of aircraft status. When a transient aircraft experiences a mission-limiting condition, the contractor shall notify the owning unit to jointly establish mission need and negotiate repair priority. If the capability exists (possessing like aircraft), the contractor shall provide the necessary support to return the aircraft to Mission Capable (MC) status based on mission need. This requirement includes non-duty hours, weekends and

holidays. Cost associated with nonduty hours, weekends and holidays shall be included in the Target Cost. In addition, the contractor shall:

3.1.43.9.1. Perform aircraft maintenance documentation of applicable forms IAW TO 00-20 series. TA shall ensure all specialist support and maintenance actions accomplished are documented in the aircraft forms prior to releasing the aircraft to the aircrew. Initiate and process AF Forms 861 on all Transient Aircraft, IAW AETCI 21-101. Develop and maintain an electronic copy of all data recorded on the AF Form 861 and provide a copy to the Government QA Personnel monthly. Document maintenance/support actions in CAMS. The contractor QC will review the data from the AF Form 861 on a quarterly basis to determine if any new technical data requirements are needed. Take oil samples and process them IAW TO 33-1-37.

3.1.43.9.2. Perform preflights, thruflights and basic postflight inspections on T-37, T-38 and T-6A aircraft IAW applicable technical data.

3.1.43.9.3. Develop local checklists for use to perform visual inspections and general servicing for transient aircraft when technical data is not available. For new or unfamiliar aircraft TA personnel shall request aircrew assistance as required.

3.1.43.9.4. Take oil samples and prepare DD Forms 2027 IAW TO 33-1-37. Ensure OAP "burn" is within tolerance and DD Form 2027 is returned to aircraft forms prior to releasing the aircraft to the aircrew.

3.1.43.9.5. Obtain billing information for non-USAF aircraft IAW TO 00-20-5.

3.1.43.9.6. Provide support to such special events as command competitions, Open House, Command Day, Change of Command ceremonies, ROTC Orientation and Civilian Fly-In events, etc. See Appendix 3B for estimated workload/historical data. Costs shall be included in Target Cost.

3.1.43.9.7. Respond to actual disasters to include support of any and all aircraft evacuated into Sheppard Air Force Base, contingency exercises involving aircraft, hydrazine spills, and accidents as required by base plans. Respond to medical evacuation aircraft that land when runway(s) are closed. Cost shall be included in Target Cost (see Appendix 3B for workload data).

3.1.43.9.8. Provide transient aircraft support each day beginning 30 minutes before runways are open and continue until runways are closed IAW the daily/weekly flying schedule, to ensure accomplishment of the programmed flying training (PFT) and support requirements. Duty hours on weekends/non-flying days shall be 30 minutes before the runways open and continue until runways are closed IAW DOD Flight Information Publication (Enroute) IFR-Supplement United States, as revised every eight weeks, or as directed by CO.

3.1.43.9.9. When departures or arrivals are planned at airfield opening, transient services will be available a minimum of 30 minutes prior to airfield opening. If transient aircraft arrive prior to field closing, transient services will be maintained until all transient aircraft are received, serviced and secured.

3.1.43.10. The contractor shall establish and enforce sound Flight Line Housekeeping practices. The contractor shall:

3.1.43.10.1. Remove and store powered/non-powered AGE when not required.

3.1.43.10.2. Secure any powered/non-powered AGE or loose equipment not needed for immediate use.

3.1.43.10.3. Remove unserviceable fire bottles and transport to the Fire Department and store excess fire bottles in designated area.

3.1.43.10.4. Perform daily FOD walks of the entire aircraft parking areas (i.e., active ramp, hangar areas, facilities) prior to the first flight of the day and the beginning of every shift to ensure no object could be ingested into an operating engine or migrate into an aircraft.

3.1.43.10.5. Replace any unserviceable chocks and store all excess chocks in designated area.

3.1.43.10.6. Ensure any maintenance-generated refuse is policed and properly disposed.

3.1.43.11. The contractor shall establish and perform Aircraft De-icing Functions IAW local directives and applicable TOs. The contractor shall:

3.1.43.11.1. Ensure all de-icing equipment is both serviceable and properly serviced when icing conditions exist or the possibility of icing may occur.

3.1.43.11.2. De-ice aircraft as directed by local authorities and applicable technical data.

3.1.43.12. The contractor shall document maintenance actions that require an operational check of the affected system by a rated pilot IAW AETCI 21-101.

3.1.44. **SORTIE SUPPORT.** The contractor shall establish and perform Operational Sortie Support Functions IAW AETCI 21-101, Ch. 3 to include, but not limited to, the following:

3.1.44.1. The contractor shall establish and perform Scheduled Inspection Functions IAW TO 00-20-1, TO 00-20-5, and AETCI 21-101, Section C. The contractor shall provide and perform periodic (PE) and/or phased (as applicable) inspection functions. The contractor shall:

3.1.44.1.1. Ensure all applicable aircraft -6 TO inspection requirements are accomplished. Additionally, the contractor shall establish methods to ensure all work-carded items are complied with and documented.

3.1.44.1.2. Establish methods to minimize the length of time an aircraft is out-of-commission for any given scheduled inspection.

3.1.44.2. The contractor shall support the HQ AETC/HQ AFMANC Analytical Condition Inspection Program. The contractor shall perform ACIs and follow-on repairs on T-38 aircraft IAW Government-provided directives. Report all information on the inspection results form to the appropriate Air Logistics Center.

3.1.44.3. The contractor shall establish and perform Aerospace Ground Equipment (AGE) Functions IAW AETCI 21-101, Ch. 3. The contractor shall provide powered and nonpowered AGE maintenance, scheduling, delivery, etc. to support the wing mission and support agreements. AGE items are those items of portable engines, motor driven, battery powered start carts or nonpowered ground equipment, including stands and jacks, used in servicing, handling and maintaining aircraft subsystems and equipment (reference Appendix 3FB for AGE inventory and Appendix 3B for workload data). The contractor shall include, but not be limited to the following:

3.1.44.3.1. Provide for pickup, delivery, troubleshooting, repair, modification, inspection, corrosion control and servicing of powered and nonpowered AGE. Specialized shop support equipment will be maintained by the user.

3.1.44.3.2. Provide an AGE production scheduling function/section to schedule and update inspections in CAMS, maintain all documentation files, and historical records. All AGE equipment will be loaded in CAMS by

Standard Reporting Designator (SRD) numbers assigned by applicable TO. If a technical data is not available, the contractor will contact the item manager to obtain the appropriate SRD.

3.1.44.3.3. Provide locally manufactured, nonpowered AGE items (stands, dollies, etc.). Items shall have locally-developed inspection criteria documented on the AFTO Form 244.

3.1.44.4. The contractor shall perform unscheduled maintenance on equipment in support of Aerospace Physiology at the 80th FTW. All equipment shall be maintained IAW applicable technical orders (See Appendix 3B for workload data).

3.1.44.5. The contractor shall establish and perform Centralized Aircraft Support System (CASS) Functions IAW AETCI 21-101, Ch. 3 (reference Appendix 3B for workload data). Additionally, the contractor shall:

3.1.44.5.1. Maintain CASS IAW Operation and Maintenance Manual, Vols 1 through 6. The contractor shall be responsible for the air compressors, generators, air conditioner/dryer assembly, air controller, above ground modules, above ground plumbing, master control module, pit or module controls to include valves and regulators and the after cooler assembly.

3.1.44.6. The contractor shall establish and perform Aero Repair (AR) Functions IAW AETCI 21-101, Ch. 3. AR special certification tasks shall be included in the maintenance contractor's training plan (see paragraph 3.1.10.1.).

3.1.44.6.1. The contractor shall perform flight control maintenance IAW AETCI 21-101, Ch. 3. The contractor shall identify highly qualified personnel trained and certified on each particular system for each assigned aircraft type. Special certification tasks shall be included in the maintenance contractor's training plan. The contractor shall establish local procedures for troubleshooting and clearing cannot duplicate (CND), repeat, recurring and Functional Check Flight (FCF) flight control discrepancies IAW applicable technical data.

3.1.44.7. The contractor shall perform aircraft crash recovery and reclamation IAW AETCI 21-101, Ch. 3. The contractor shall establish in-flight emergency (IFE) and precautionary crash recovery and reclamation procedures to support applicable OPLANS. The contractor shall ensure sufficient personnel are available (or on standby) and trained on the use of recovery equipment and will conduct recovery training and equipment inspections IAW applicable directives and technical orders.

3.1.44.7.1. The contractor shall provide adequate personnel to respond to all aircraft mishaps in the Sheppard AFB area (reference 80th FTW OPLANS). This may range from runway clearance to responding to off-base mishap sites. Capabilities must, as a minimum, include those in AETCI 21-101. Additionally, if tasked, the contractor shall perform the primary task of preserving the evidence of crashed/downed aircraft and aiding in the recovery of the aircraft within the contractor's capability as determined by the CO. NOTE: The contractor shall respond to and support the on-scene commander during all phases of recovery.

3.1.44.7.2. Contractor personnel may be transported via military air transportation to the site of crashed/downed aircraft, otherwise ground transportation shall be used. The contractor shall provide required personnel for the mishap site whenever conditions require the use of contractor services.

3.1.44.7.3. The contractor may utilize Government air transportation for Mission Essential Ground Personnel (MEGP) in support of crashed/downed aircraft when space is available IAW AFI 11-401. MEGP flight scheduling will be coordinated through the operations group commander and approved by the wing commander and the CO.

3.1.44.7.4. In accordance with DFARS 252.228-7005, contractor shall provide personnel to assist and/or consult in a mishap investigation as required. Weekend and/or non-duty hours support will be included in the Target Cost.

3.1.44.7.5. The contractor shall respond to actual disasters or disaster preparedness exercises as required by base and unit plans (See Appendix 3G).

3.1.44.8. The contractor shall establish and perform Wheel and Tire Functions IAW applicable technical data and AETCI 21-101, Ch. 3.

3.1.44.9. The contractor shall provide and perform Aircraft and Equipment Wash Functions as directed by TO 1-1-691 and other applicable TOs, AETCI 21-101, Ch. 3 and AETCI 21-106, Corrosion Control.

3.1.44.10. The contractor shall establish and perform Fabrication Maintenance Functions IAW AFI 21-105, AETCI 21-101, Ch. 3 and AETCI 21-106. The contractor shall provide on- and off-equipment maintenance capability for nondestructive inspection (NDI), structural repair, corrosion control, survival equipment, metals processing and machining (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.44.10.1. The contractor shall establish and perform Corrosion Control Functions IAW AETCI 21-101, Ch. 3, and AETCI 21-106. The contractor shall manage a corrosion control facility for detecting and

treating aircraft and equipment (to include AGE) corrosion, and applying protective coatings. Provide major/full paint, minor paint, and replace deteriorated aircraft marking decals and equipment (to include AGE) IAW AFI 21-105, AETCI 21-101, AETCI 21-106, and applicable technical orders. This includes minor and major touch-up as needed (or as directed by the CO) and the specific requirements and direction provided in AETCI 21-101. The contractor shall:

3.1.44.10.1.1. Document painting and corrosion actions in aircraft/support equipment records (AFTO 781-series forms and AFTO Form 95) and CAMS, as applicable.

3.1.44.10.1.2. Ensure individual(s) painting or present in the area are properly protected IAW 29 CFR 1910. The contractor shall ensure painting area is properly marked and access is controlled. The contractor shall develop contractor directives on painting procedures to include: maximum amount/or area to be covered in a specified time frame, designated areas authorized to touch-up paint, control/access procedures, and hours of operation. This regulation will be coordinated with wing safety, environmental flight, and aircraft maintenance Government Personnel prior to CO approval. The contractor shall document all paint, solvent and chemical stripper usage as required by the environmental flight so that they may monitor air pollutant emission requirements.

3.1.44.10.1.3. Strip and paint aircraft parts and support equipment using the system(s) provided by the Government and in a manner that will not create environmental protection violations. The contractor shall strip paint from T-37, T-38 and T-6A aircraft using Plastic Media Blast (PMB) equipment as the primary means. Authorized technical order procedures, i.e., chemical stripping, scuff sanding, etc., shall be used when the PMB system is inoperative, or not economically feasible, i.e., depainting small areas to facilitate other maintenance. Only trained and certified personnel shall perform PMB aircraft stripping (reference Appendix 3I).

3.1.44.10.1.3.1. The contractor shall perform equipment maintenance on the PMB Module (PMBM) IAW Government provided PMBM operation and maintenance manuals. The contractor shall be responsible for the operation and maintenance of all PMBM equipment. This includes troubleshooting, repair, modification, inspection and servicing of all PMBM equipment.

3.1.44.10.1.3.2. Technical manuals will be provided to the contractor for operation of the PMBM. The technical manuals will be for the equipment installed on and in support of the PMBM.

3.1.44.10.1.4. Coordinate with each flying squadron on the first day of each quarter to obtain a list of current pilots and crew chiefs. Apply new names to aircraft within 15 calendar days after receipt using authorized methods. Paint/install aircraft tail flashing IAW applicable directives (see Appendix 3B for workload data).

3.1.44.10.1.5. Remove, install, or replace aircraft decals IAW applicable directives and technical data (see Appendix 3B for workload data).

3.1.45. Portable and Installed Hoists. The contractor shall maintain portable and installed hoists to include lifting devices, i.e., slings, etc., IAW applicable OSHA standards and TO 35D6-1-106. Lifting devices will be weight/proof load checked as required and documented on the appropriate form. If this check is subcontracted, contractor will ensure subcontractor signs the documentation or gives equivalent documentation as a record (see Appendix 3B for workload data).

3.1.46. The contractor shall establish and perform Nondestructive Inspection (NDI) Functions IAW TO 33B-1-1, AFI 21-105, and AETCI 21-101, Ch. 3. The contractor shall provide NDI capability to determine structural integrity of aircraft, aircraft engine components, and associated support equipment, and to aid in foreign object (FO) searches. The contractor shall:

3.1.46.1. Perform annual inspections (i.e., nondestructive, magnetic, particle/penetrant) of electrical and chain-driven hoist hooks in support of 82 CES as directed by TO 36-1-58, to include required paint stripping and cleaning prior to performing inspection on the hooks (see Appendix 3B for workload data).

3.1.46.2. Provide NDI support to other base agencies as required (see Appendix 3B for workload data).

3.1.46.3. Implement and manage an Oil Analysis Program (OAP) IAW AFI 21-124, AETCI 21-101, Ch. 3 and applicable technical orders.

3.1.46.4. Shall have qualified technicians to perform routine (daily) maintenance and calibration of the spectrometer IAW TO 33A6-7-24-1.

3.1.47. The contractor shall establish and perform Structural Maintenance Functions IAW AFI 21-105 and AETCI 21-101, Ch. 3. The contractor shall coordinate and

document repair procedures that exceed or lack technical data guidance with the appropriate Air Logistics Center.

3.1.48. The contractor shall establish and perform Survival Equipment Functions IAW AETCI 11-301 and AETCI 21-101, Ch. 3. The contractor shall also provide required sewing of wings, name, rank and patches on aircrew flight clothing, leather and NOMEX jackets IAW AFI 36-2903. This includes the sewing support for G-suits, velcro on flight clothing and patches, as required. The contractor shall:

3.1.48.1. Provide in-shop inspection, repair, manufacture and repack of fabric, canvas, leather, rubber and rubberized products.

3.1.48.2. Perform periodic inspections and maintenance of canopies and harnesses used for parasail training IAW AETCI 21-101.

3.1.48.3. Perform all required maintenance, repair and manufacturing of hail covers (see Appendix 3B for workload data included in survival equipment workload man-hours).

3.1.48.4. Provide major/minor maintenance and overhaul capability for sewing machines (see Appendix 3B for workload data).

3.1.48.5. Provide limited sewing support to other base agencies as required upon approval of the CO. (see Appendix 3B for workload)

3.1.49. The contractor shall establish and perform Metals Technology Functions IAW AFI 21-105 and AETCI 21-101, Ch. 3 to include, but not limited to the following:

3.1.49.1. Contractor aircraft welders shall be qualified, certified and recertified on aircraft, engines and equipment parts IAW AFI 21-105 and TO 00-25-252.

3.1.49.2. The contractor shall provide machine shop support for the manufacture and repair of aircraft and equipment parts, assemblies and tools to include local manufacture items IAW AETCI 21-101. The contractor shall produce, at no additional cost to the Government, required items coded as local manufacture in applicable TOs and directives.

3.1.50. The contractor shall establish and perform Accessory System Maintenance Functions IAW AETCI 21-101, Ch. 3. The contractor shall perform on- and off-equipment maintenance for fuel systems, pneudraulics, environmental, egress, electric and battery systems (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.50.1. The contractor shall establish and perform Egress Maintenance Functions IAW AFI 21-112 and AETCI 21-101, Ch. 3.

3.1.50.1.1. The contractor shall establish and manage the Cartridge Actuated Device (CAD) and Propellant Actuated Device (PAD) Verification Program IAW applicable TOs and AETCI 21-101, Ch. 12.

3.1.50.2. The contractor shall establish and perform Electrical/Environmental Systems Functions IAW AETCI 21-101, Ch. 3. The contractor shall perform on- and off-equipment maintenance for electrical and battery systems, repairs on liquid oxygen (LOX), and gaseous servicing units and support equipment (reference paragraphs 3.1.56.3 and 3.1.56.4). Perform inspection, maintenance and service of CNU-129/P Survival Kit CO₂ cylinders IAW TOs 14S-1-102 and 37C-2-8. Ensure a Senior Acquisition Officer approval for purchasing a Class I ODS for LOX cleaning is available.

3.1.50.2.1. The contractor shall collect any required aircraft oxygen samples after a physiological incident IAW AFI 91-204 and AETC Supplement, and T.O. 33D2-10-60-1, and deliver samples to the Medical Service for analysis.

3.1.50.3. The contractor shall establish and perform Fuel Systems Functions IAW TO 1-1-3, AETCI 21-101, Ch. 3, and applicable TOs to include internal fuel cell maintenance. The contractor shall:

3.1.50.3.1. Establish specific procedures to notify the fire department when internal fuel cell maintenance is being performed IAW applicable directives.

3.1.50.3.2. Establish confined space entry procedures IAW 29 CFR 1910.146 and applicable directives.

3.1.50.4. The contractor shall establish and perform Pneudraulics Functions IAW AETCI 21-101, Ch. 3.

3.1.51. The contractor shall perform on- and off-equipment Avionics System Maintenance Functions IAW AETCI 21-101, Ch. 3 (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.51.1. Establish and perform Guidance and Control Maintenance Functions IAW AETCI 21-101, Ch. 3.

3.1.51.2. Establish and perform Communication-Navigation Maintenance Functions IAW AETCI 21-101, Ch. 3. Additionally, the contractor shall perform on- and off-equipment maintenance on all ultra high frequency (UHF)

radio systems installed in Government-owned vehicles and facilities IAW AETCI 21-101, Ch. 1 (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.51.3. Establish and perform Circuit Card Repair (CCR) Functions IAW AETCI 21-101, Ch. 3.

3.1.51.4. Implement and manage an Electrostatic Discharge (ESD) Prevention Program IAW TO 00-25-234, Ch. 7 and applicable aircraft and equipment TOs.

3.1.51.5. The contractor shall perform the following Airborne Video Tape Recorder (AVTR), gun camera system, and optical sight maintenance: (IAW applicable technical orders and commercial technical data)

3.1.51.5.1. Perform scheduled and unscheduled maintenance on the AVTR and gun camera system.

3.1.51.5.1.1. Perform unscheduled maintenance on any malfunctioning tape cassette.

3.1.51.5.1.2. Perform flight line actions, including maintenance of the AVTR operation and inspections.

3.1.51.5.2. Other Maintenance Actions. Within capability "good maintenance practice" repair guidelines:

3.1.51.5.2.1. Cleaning, painting, lubrication, timing, troubleshooting, disassembly; and ordering of major assemblies, sub-assemblies, or minor parts.

3.1.51.5.2.2. Maintenance of the CA-513 optical sight to include cleaning optical surfaces, replacing illuminator assembly, replacing high intensity light bulbs, lubricating mills setting assembly, and repairing wiring as required.

3.1.52. The contractor shall perform limited on- and off-equipment Propulsion Maintenance Functions IAW AETCI 21-101, Ch. 3. The contractor shall perform all repairs on installed and removed J69 and J85 engines IAW TOs 1T-37-2-5, 1T-38A-2-6, 2J-J85111-1, 2J-J85-116-8, 2J-J85-116-9, 2J-J85-116-10, and 2J-J85-116-11 that do not require the engine to be disassembled in the vertical position. The contractor shall perform bench check, test, repair, determine Not Repairable This Station (NRTS) and condemnation status on all removed engine components IAW TOs 1T-37-6, 1T-38A-6, and 00-20-3. The contractor shall perform equipment maintenance on the aircraft hush house, sound suppressors, engine test cells and assigned special tools and

equipment IAW tech data and applicable directives (reference paragraphs 3.1.56.3 and 3.1.56.4).

3.1.53. The contractor shall implement and manage an Engine Management (EM) Program IAW AFI 21-104, AETCI 21-101, TO 00-25-254-1 and TO 00-25-254-2. AETC engine management program is based on a Queen Bee, Two-Level concept IAW T.O. 2-1-18. The Engine Regional Repair Center (ERRC) for Sheppard AFB J69 and J85 engines is located at Laughlin AFB. These categories of engines shall be returned to the ERRC for maintenance:

3.1.53.1. J69 Engine: 1) All engines requiring completion of the 1000 hour periodic inspection. 2) All unscheduled repairs requiring disassembly, inspection and TCTO compliance in the accessory gear case, compressor, combustion and turbine sections.

3.1.53.2. J85 Engine: 1) All engines requiring completion of the Hourly Postflight (HPO) and Periodic (PE) inspections. 2) All engines requiring inspection, major repairs and TCTO accomplishment requiring the engine to be disassembled and assembled in the vertical position.

NOTE: The Government reserves the right to direct shipment of jet engines to other Government engine repair facilities if mission requirements dictate.

3.1.54. AT-38B Aircraft Unique Support.

3.1.54.1. Armament Systems. The contractor shall provide an individual to perform the duties of weapons section chief as outlined in AETCI 21-101, Vol. 2. The individual shall have at least two years experience working in Air Force Specialty Code (AFSC) 2W171 as a weapons supervisor. The individual shall have knowledge of and be familiar with weapons loading, weapons maintenance and armament duties and responsibilities. All armament personnel shall accomplish maintenance IAW applicable technical data, CTK and FOD program requirements. Forms shall be documented IAW TO 00-20 series.

3.1.54.1.1. The contractor shall be responsible for the security of facilities in accordance with AF Instructions.

3.1.54.1.2. The contractor shall account for, control and provide storage for all assigned Alternate Mission Equipment (AME) IAW applicable technical orders and directives.

3.1.54.1.3. The contractor shall maintain a file by aircraft/equipment item serial number and update the automated system and/or AFTO Form 95, *Significant Historical Data*, for each file, as applicable.

SHEPPARD AFB AIRCRAFT MAINTENANCE

3.1.54.1.3.1. The contractor shall schedule AME insuring compliance with required inspections.

3.1.54.2. The contractor shall perform all scheduled and unscheduled maintenance and periodic inspections on the AT-38B weapon systems.

3.1.54.2.1. The contractor shall be responsible for troubleshooting, analysis, repair, and performing functional checks of the weapons systems, to include the weapons release systems IAW TOs 1T-38A-103, 11B29-3-8-3 and 11B29-3-28-1.

3.1.54.2.2. The contractor shall be responsible for the following scheduled maintenance requirements IAW applicable technical data and directives.

3.1.54.2.2.1. Perform 30-day and 180-day bomb rack inspections IAW TO 11B29-3-8-3.

3.1.54.2.2.2. Perform 30-day, 180-day and end-of-firing-day inspections on the SUU-20 bomb dispenser IAW TO 11B29-3-28-1.

3.1.54.2.2.3. Perform Boresight/Harmonization; removal/ installation of optical sight and AVTR components IAW TO 1T-38A-103.

3.1.54.3. The contractor shall be responsible for the following unscheduled maintenance when necessary IAW TO 11B29-3-28-1 and 11B29-3-8-3:

3.1.54.3.1. Disassembly, repair, assembly and functional check of the SUU-20 bomb dispenser, aircraft pylon and MA-4 bomb rack.

3.1.54.3.2. Troubleshooting the weapons system to include the aircraft, aircraft pylon, MA-4 bomb rack, and SUU-20 Bomb Dispenser.

3.1.54.3.3. Performing acceptance inspections, TCTOs, modifications, and repair on all assigned AME IAW AETCI 21-101 and TO 1T-38A-21.

3.1.54.3.4. Contractor shall maintain and use AF Form 2434 to track expenditures. Assist with reconciliation of munitions accountability records when required.

3.1.54.4. Weapons Loading. The contractor shall provide a weapons loading program and ensure proper administration of all weapons personnel

IAW applicable technical data and directives. As a minimum, the contractor shall:

- 3.1.54.4.1. Ensure parking of vehicles and support equipment complies with AFMAN 91-201 and DoD 6055.9 STD.
- 3.1.54.4.2. Maintain and use AF Form 2434 to track expenditures and reconcile munitions accountability records when required.
- 3.1.54.4.3. Comply with criteria established in AFMAN 91-201, for the site planning and use of the facilities and locations where explosives are involved.
- 3.1.54.4.4. Ensure all personnel who handle, deliver or work with explosives have received the initial and annual refresher explosive safety training and document it in their personnel file IAW local procedures and AFI 91-202 and local procedures.
- 3.1.54.5. Ensure weekly attendance of maintenance scheduling meeting to verify specific munitions required and to satisfy any disparities.
- 3.1.54.6. Coordinate with MOC for delivery and pick-up of munitions items.
- 3.1.54.7. Develop, administer and manage a weapons academic training program to include initial and recurring training.
- 3.1.54.8. Perform Supervisory Post-Load and maintenance inspections IAW AETCI 21-101 and applicable technical data.
- 3.1.54.9. Pick up munitions from the designated flight line holding area for transport and loading.
- 3.1.54.10. Load, unload, configure and reconfigure munitions and equipment to support flying requirements IAW TOs 1T-38A-103 and 1T-38B-33-1-2.
- 3.1.54.11. Perform on-equipment maintenance on weapons equipment IAW TOs 11B29-3-28-1, 11B29-3-8-3 and 1T-38A-103.
- 3.1.54.12. Meet with operations schedulers to establish the flying schedule. Maintain sufficient load crews to support the flying schedule.
- 3.1.54.13. Comply with safety directives for all munitions-related operations.

3.1.54.14. Perform end-of-runway inspections in accordance with AETCI 21-101 and applicable technical data. Darming operations will have priority over normal workload.

3.1.55. **QUALITY CONTROL (QC)** The contractor shall use AETCI 21-101, Ch. 4, as a guide in developing, implementing, and managing a QC Plan. Those actions taken by a contractor to control the quality of services so that they meet the requirements of the SOW. Note: References in Government publications to QA shall be interpreted as meaning QC for purposes of this contract. The contractor's QC Plan shall include, but is not limited to, the following:

3.1.55.1. The contractor is responsible for assuring quality maintenance throughout the entire spectrum of the maintenance complex. The contractor shall establish and maintain a formal "compliance-oriented" QC plan to ensure the requirements of the contract are provided as specified and assure contractor compliance with aircraft and equipment technical data and applicable AF directives. The contractor shall perform QC evaluation requirements listed in SOW Section 3-4.

3.1.55.1.1. The contractor's QC plan shall promote a proactive process/product improvement program, a safe working environment and quality initiatives. The QC plan shall be designed to improve mission readiness by ensuring personnel, aircraft, support equipment, supplies and other Government assets meet or exceed established performance standards. The QC plan shall allow management emphasis to be placed where and when necessary to resolve or correct identified negative trends and/or problem areas.

3.1.55.1.2. Three copies of the contractor's complete proposed QC plan shall be provided to the CO not later than the pre-performance conference, (reference Appendix 3J), for review and acceptance by the CO. An updated copy must be provided to the CO on the contract start date and as changes occur for approval prior to implementation. The proposed QC plan is subject to CO acceptance or rejection. The QC plan shall include complete outlines on how quality will be controlled in all the areas. The contractor's QC plan shall include, but not be limited to, the following:

3.1.55.1.2.1. Equipment Condition Inspections. The contractor shall establish a dynamic inspection system to determine condition, preservation, safety, reliability and serviceability of assigned Government assets. The inspection methods shall effectively assess applicable technical data, tools, equipment, supplies, and forms documentation used to accomplish the task.

3.1.55.1.2.2. Personnel Evaluations. The contractor shall establish a comprehensive personnel evaluation system to determine personnel proficiency to include the quality of training to enhance mission performance and the preservation of Government assets. Evaluation methods shall be designed to identify weak or problem areas concerning safety of flight, safety of Government equipment operation, quality of workmanship and promote employee full participation in quality improvement efforts.

3.1.55.1.2.3. Program Management Inspections. The contractor shall establish an inspection process designed to assess the peripheral programs managed by the contractor. These programs and functions include those defined as "Observation Areas" surveilled by Government Quality Assurance (QA) Personnel. These areas include tool control, forms documentation, vehicle management, etc.

3.1.55.1.2.4. Safety Violations. The contractor shall establish a means to identify and correct maintenance safety violations.

3.1.55.1.3. QC Inspection and Evaluation Methodology. The contractor's QC plan shall include an inspection/evaluation system encompassing all services and requirements of this SOW.

3.1.55.1.4. The contractor shall on a monthly basis as a minimum, perform the quality control and personnel evaluations in the areas and quantities listed in 3.4.6.1. and 3.4.6.2.

3.1.55.1.5. The contractor shall include methods to ensure the QC plan objectively samples a broad mix of aircraft/equipment inspections and personnel evaluations covering the full range of services provided by the contractor.

3.1.55.1.6. All Technical and Personnel Evaluations shall be done by evaluating, as a minimum, 50 percent of the work card items or steps.

3.1.55.1.7. The contractor shall perform a Foreign Object (FO) inspection in conjunction with the performance of each inspection or evaluation that involves aircraft and equipment and rated IAW AETCI 21-101, Ch. 4 and AETCI 21-107.

3.1.55.1.8. As a minimum, the discovery of any object or extraneous material, hard or soft (FO), shall result in an unacceptable rating when any of the following conditions are met: The FO is near or has the potential to migrate to control rods, cables, actuators, hinges and any

other operating mechanism and when the FO is conductive and has the potential to migrate into electrical/electronic component.

3.1.55.1.9. The contractor shall develop and institute methods for identifying and preventing deficiencies in the quality of services performed before the level of performance becomes unacceptable. These methods shall be documented in the QC plan.

3.1.55.1.10. The contractor shall document, enter and close-out all discrepancies (aircraft, engines, AGE, components, support equipment, etc.) discovered by the contractor's QC personnel or Government QA Personnel in CAMS against a Job Control Number (JCN). The contractor shall annotate the JCN on 80th FTW Form 87, Contractor Monitoring and Surveillance Report, as part of the contractor response. The contractor shall develop a system to retrieve these JCNs on a monthly basis and provide a copy of the report to Government QA Personnel and Contractor QC office by the fifth workday of the month. The report shall include: all open JCNs (current and previous months) and all closed JCNs.

3.1.55.1.11. Notify/coordinate with Government QA Personnel for over-the-shoulder and after-the-fact evaluations of the contractor's QC inspection plan IAW AETCI 21-107.

3.1.55.1.12. Baselines. The contractor's QC plan shall incorporate and utilize the minimum quality control and personnel inspections listed in 3.1.6.1. and 3.1.6.2. and IAW AETCI 21-107.

3.1.55.1.13. Rating System. The contractor shall establish an inspection/evaluation rating system IAW AETCI 21-101, Ch. 4, to easily identify negative trends, problem areas or opportunities for product/process improvement. The inspection/evaluation rating system shall incorporate requirements and levels of performance established by mandatory regulations, contractor regulations, applicable technical orders, and requirements.

3.1.55.1.14. QC Database Management. The contractor shall establish a data program that provides for on-site retrieval of all inspections conducted by the contractor and necessary corrective action taken. Documentation shall be IAW AETCI 21-101, Ch. 4 and be made available to the Government on demand.

3.1.55.1.15. The contractor's QC database shall be capable of extracting meaningful trend data by, as a minimum, MDS, task, TO reference or workcard item, and Work Unit Code (WUC). This data

shall support aircraft maintenance issues under investigation, and identify card item or TO steps requiring special attention for process improvement initiatives. Additionally, the database shall provide a means to determine if frequency of minor discrepancies identified warrant inclusion in the applicable technical data or directives.

3.1.55.1.16. Records. The contractor shall establish a program that provides for on-site records of all inspections conducted by the contractor and necessary corrective action taken. Documentation shall be made on AF Form 2419 and AF Form 2420 (or locally-developed form, which contains the same information), and be made available to the Government on demand.

3.1.55.1.17. QC Summary. The contractor shall establish and publish a monthly summary of all QC actions, which, as a minimum, shall include all findings for equipment inspections and personnel evaluations. This summary shall be provided to Government Personnel no later than seven workdays after the end of each month.

3.1.55.1.18. QC Crosstell Program. The contractor shall develop a system for cross-feeding QC and Government QA Personnel documented discrepancies and corrective actions into all areas of maintenance to prevent recurrence of the same discrepancy in other areas. This system will be explained in the contractor's QC plan.

3.1.55.2. Government Quality Assurance (QA). Government surveillance of the contract is accomplished through the Quality Assurance Program IAW AFI 63-124 and AETCI 21-107. The Government will assess the contractor's performance under this contract using the contractor's QC plan, requirements of this contract, contractor regulations, Government regulations and manuals (or portions thereof), applicable technical orders, surveillance techniques, performance thresholds standards listed in Section 3-2. Government QA Personnel will evaluate the contractor's adherence to the requirements of this contract by periodic inspection methods, utilizing Quality Assurance Surveillance Plan (QASP) consisting of inspection guides and the procedures specified in AFI 63-124 and AETCI 21-107. All areas of the contract are subject to Government surveillance.

3.1.55.2.1. Deficiencies. When deficiencies are recorded by Government QA Personnel, the contractor or authorized representative(s) shall enter the cause, corrective action taken (or to be taken) to correct the discrepancies, preventive measures to prevent recurrence and sign in the contractor section of the 80th FTW Form 87, Contractor Monitoring and Surveillance Report.

3.1.55.2.2. Technical Inspections/Observation Areas/Safety Violations. Government QA Personnel will surveil and rate contractor performance based IAW AETCI 21-107. (see Section 3-4, paragraphs 3.4.5.1. through 3.4.5.1.3.)

3.1.55.2.3. Quality Review Meeting. The contractor shall meet periodically with the FC, Government QA Personnel and CO to promote a “partnership mentality” in identifying and resolving negative trends. The contractor shall be required to meet during the first month of the contract and as often as necessary thereafter, as determined by the CO. However, upon contractor request, a meeting may be held whenever a Contract Monitoring and Surveillance Report is issued. The FC, CO, Government QA Personnel, and contractor shall sign written minutes of these meetings. The contractor shall so state any areas of nonconcurrence, if any, in writing to the CO within five calendar days of receipt of the signed minutes.

3.1.55.3. The contractor shall be responsible for the following programs and or functions. The contractor shall:

3.1.55.3.1. Implement and manage an Acceptance Inspection and Transfer Program IAW TO 00-20-series and AETCI 21-101, Ch. 4. The contractor shall develop a comprehensive local plan to include duties and responsibilities for all contributing maintenance activities involved in the process (include serial number verification). The depth and number of contractor acceptance inspections may be increased when circumstances warrant or when directed by the CO (see Appendix 3B for estimated workload data).

3.1.55.3.2. Implement and manage an Aircraft Impoundment Program IAW AFI 21-101, AETCI 21-101, Ch. 1.

3.1.55.3.3. Implement and manage an Aircraft Weight and Balance Program IAW applicable aircraft TOs and AETCI 21-101, Ch. 4.

3.1.55.3.4. Establish and perform Deficiency Analysis Functions IAW AETCI 21-101, Ch. 1.

3.1.55.3.5. Provide Depot/Contract Field Team (CFT) Support IAW AFI 21-102 and 21-103, Ch. 2. The contractor shall support depot and/or contract field teams when assigned to perform aircraft or equipment modifications and/or TCTOs within contractor's capability as determined by the CO. This shall include, as a minimum, providing platforms and stands requested by the depot/contract field teams.

3.1.55.3.5.1. When tasked by the CO, the contractor shall appoint a CFT Project Officer to serve as a maintenance focal point at no additional cost to the Government. The individual(s) shall be responsible for all CFT support requirements to accomplish modifications and/or TCTOs on assigned aircraft and equipment. This shall include coordinating and scheduling duties, and monitoring CFT activities.

3.1.55.3.6. Establish an aircraft mishap reporting program and implement a Dropped Object Prevention Program (DOPP) IAW AFI 21-101 and AETCI 21-101, Ch. 13. The contractor shall notify wing safety of potential dropped objects for reporting determination by the wing commander. After the wing commander's determination, safety will notify QC to comply with reporting. Additionally, the contractor shall comply with the monthly reporting (see Appendix 3D).

3.1.55.3.7. Implement and manage a Foreign Object Damage (FOD) Prevention Program IAW AFI 21-101, AETCI 21-101, Ch. 13 and applicable National Aerospace Standard 412.

3.1.55.3.7.1. The contractor shall develop, administer and manage the FOD program to include FOD reports on applicable forms, as required, and taking/publishing the wing FOD meeting minutes. FOD walks shall be IAW Air Force directives and base policies. Additionally, the contractor shall appoint primary and alternate FOD monitors. The contractor shall notify Government QA Personnel immediately of all FOD incidents.

3.1.55.3.7.2. The contractor shall submit a written FOD prevention program as part of the QC Plan. The Chief of Government Quality Assurance will review the entire program prior to acceptance by the CO.

3.1.55.3.8. Implement and manage a Functional Check Flight (FCF) Program IAW applicable technical orders, AETCI 36-2211 and AETCI 21-101, Ch. 4. The Government will provide FCF pilots.

3.1.55.3.9. Implement and manage an Engine Run Certification Program (both initial and annual) IAW AFI 11-218 and AETC Supplement.

3.1.55.3.10. Establish and perform Exercise Evaluation Team (EET) Functions IAW 80th FTW plans and instructions. The contractor shall establish, perform, and manage an EET function to serve as the maintenance focal point for wing exercises to include a Crash Recovery Exercise Evaluation Program IAW AETCI 21-101, Ch. 4.

3.1.55.3.11. Implement and manage an In-Process Inspection (IPI) Program IAW AFI 21-101, AETCI 21-101, Ch. 4, and TO 00-20-1. Procedures and taskings for IPIs shall be reflected in the contractor's directives.

3.1.55.3.12. Implement and manage a Mishap and Incident Reporting Program IAW AFI 91-204, and AETCI 21-101, Ch. 13. The contractor shall comply with monthly reporting (reference Appendix 3D).

3.1.55.3.13. Implement and manage a Special Certification Program IAW AFI 21-101, Ch. 3, and AETCI 21-101, (reference Appendix 3I).

3.1.55.3.13.1. The contractor shall establish a program to ensure only qualified production supervisors clear red X conditions, NRTS, danger tags, and IPIs using special certification and training listings.

3.1.55.3.14. Implement and manage a Lockout and Tag-out Program IAW AFI 21-101, Ch. 7 and OSHA Standards.

3.1.55.3.15. Implement and manage a One-Time Inspection (OTI) Program IAW AETCI 21-101, Ch. 8. The contractor shall ensure program actions/inspections are accomplished within prescribed time frames. Required parts and/or kits shall be requisitioned within three duty days after base receipt of the OTI. Note: Contractor shall process AETC-directed one-time inspection completion data IAW TO 00-20-4.

3.1.55.3.15.1. All TCTOs and AETC-directed One-Time Inspections (OTI) shall be accomplished within prescribed time frames. Required parts and/or kits shall be requisitioned with three duty days after base receipt of the TCTO and/or OTI when fiscally possible. The Government understands that there may be times when it is not fiscally advantageous to order TCTO kits all at once, especially when kits are high cost items, or contractor is unable to schedule all needed work within a short period of time. In such cases, a plan must be presented to Government QA Personnel, CO and FC outlining plans to accomplish TCTO.

3.1.55.3.16. Implement and manage a Technical Order (TO) and Technical Data Management Programs IAW TO 00-5-1, 00-5-2 and AETCI 21-101, Ch. 11. The contractor shall maintain and update all regulations, manuals, and other directives listed in Appendix 3A.

3.1.55.3.17. Establish and perform Inspection and Time Change Item (TCI) Management Functions IAW AETCI 21-101, Ch. 7. The contractor shall

establish and manage a function responsible for monitoring, projecting and scheduling installed aircraft and engine TCI and inspection requirements.

3.1.55.3.18. Implement and manage a Time Compliance Tech Order (TCTO) Program IAW AFI 21-101. Required parts and/or kits shall be requisitioned within three duty days after base receipt of the TCTO. Note: Contractor shall process AETC directed TCTO completion data.

3.1.55.3.19. Implement and manage a Product Improvement Program (PIP) IAW AETCI 21-101, Ch. 19. Establish and manage the following programs:

3.1.55.3.19.1. Implement and manage the Source, Maintenance and Recoverability Code Change Request Program (AFTO Form 135) IAW TO 00-25-195 and AETCI 21-101, Ch. 19.

3.1.55.3.19.2. Implement and manage the Configuration and Modification Program (AF Form 1067). Manage the modification proposal process IAW AFI 21-101, Ch. 2, and AETCI 21-101, Ch. 19.

3.1.55.3.19.3. Implement and manage the Deficiency Reporting (DR) process and exhibit storage program IAW TO 00-35D-54 and AETCI 21-101, Ch. 19.

3.1.55.3.19.4. Implement and manage an Equipment Warranty Program IAW TO 00-35D-54, TO 00-20-3 and AETCI 21-101, Ch. 19.

3.1.55.3.19.5. Implement and manage a Gold Way Program IAW AFI 21-123, AETCI 21-111 and AETCI 21-101, Ch. 19.

3.1.55.3.19.6. Implement and manage an AF Idea IAW AFI 38-401 and AETCI 21-101, Ch. 19. Establish a program that provides a means for wing personnel to submit maintenance-related suggestions.

3.1.55.3.19.7. Assist Government Personnel with all technical matters in support of the AF Idea Program to include research and evaluation, documentation of AF Form 162, and in meeting suspenses.

3.1.55.3.19.8. Implement and manage a Technical Manual Change Recommendation and Reply (AFTO Form 22) Program IAW TO 00-5-1, AETC Supplement, and AETCI 21-101, Ch. 19.

3.1.55.3.19.8.1. The contractor shall establish a program that provides a means for employees to submit AFTO Form 22,

deficiency reports, repair change requests and requests to increase base level repair authority or repair waiver requests.

3.1.55.3.19.8.2. The contractor shall provide a copy of all TO changes involving hazardous materials to the HAZMAT Pharmacy.

3.1.55.3.19.9. Implement and manage the Zero-Overpricing Program IAW AF Instructions.

3.1.55.3.19.10. Establish and perform Investigating and Reporting requirements for investigating and reporting US Air Force mishaps and incidents IAW AFI 91-204, and AETCI 21-101.

3.1.55.3.19.11. Implement and manage Product Improvement Working Groups (PIWG) IAW AETCI 21-101, Ch. 19.

3.1.55.3.19.12. Implement and manage an Intermediate Repair Enhancement Program (IREP) IAW AETCI 21-101, Ch. 20.

3.1.55.3.19.13. Establish a program that provides for submittal of Engineering Change Proposals (ECP) and modification change proposals.

3.1.56. Logistics Support Concept. The aircraft logistics support concept is a material management and maintenance concept consisting of the contractor, the host base and Logistics Support Contractors (LSCs).

3.1.56.1. T-6A Maintenance Responsibilities. Responsibilities for the T-6A are divided between the contractor, the host base and the T-6A LSC, with the contractor having on-equipment maintenance responsibility. The host base through a support agreement will provide host services and PMEL. The T-6A LSC includes a Contractor Operated and Managed Base Supply (COMBS) and is responsible for providing training, spare engine, spare asset, almost all AGE support and most off-equipment maintenance support.

3.1.56.2. T-38C Maintenance Responsibilities. Responsibilities for the T-38C are divided between the contractor, the host base and the T-38C LSC, with the contractor having on-equipment and selected off-equipment maintenance responsibility. The host base through a support agreement will provide host services, Base Supply and PMEL. The T-38C LSC includes a COMBS and is responsible for providing training and spare asset support for the Avionics Upgrade Program (AUP).

3.1.56.2.1. T-37, T-38A and AT-38B Maintenance Responsibilities. Responsibilities for the AT-38B are divided between the contractor, and the host base with the contractor having on-equipment and selected off-equipment

maintenance responsibility. The host base through a support agreement will provide host services, Base Supply, PMEL and munitions support within existing capabilities (see Table 3-1-2 in section 3-1-57).

3.1.56.3. T-6A and T-38C Logistics Support Concepts.

TABLE 3-1-1

FUNCTION	RESPONSIBILITY			
	CONTRACTOR	HOST	T-6 LSC	T-38C LSC
Maintenance Training	X			
Quality Control	X			
Data Base Management	X			
Base Engine Manager	X			
Maintenance Analysis	X			
Plans, Scheduling, and Documentation	X			
Maintenance Operations Center	X			
Functional Check Flight (FCF)	X			
Aircraft Weight and Balance	X			
Crash Recovery	X			
Recovery of Off-Station Aircraft	X			
Transient Aircraft Support	X			
PMEL				
User Maintenance	X			
Scheduled Calibration / Repair		X		
AGE	Note 1		Note 1	
Aircraft and Equipment Wash / Corrosion Control	X			
Sortie Generation	X			
Scheduled Maintenance	X			
Unscheduled On-equipment	X			
Structural Maintenance				
On-equipment	X			
Off-equipment	Note 2		Note 2	
Metals Technology	X			
Paint	X			

FUNCTION	RESPONSIBILITY			
	CONTRACTOR	HOST	T-6 LSC	T-38C LSC
Survival Equipment	X			
Nondestructive Inspection (NDI)	X			
Wheel and Tire	X			
Fuel Systems	X			
On-equipment	X			
Fuel Cell Maintenance	X			
Pneudraulics				
On-equipment	X			
Off-equipment	Note 3		Note 3	
Egress				
On-equipment/Transportation of Removed Seats	X			
On-equipment/Seat and Munitions Storage	X			
Electro-Environmental				
On-equipment	X			
Off-equipment	Note 4		Note 4	
Battery Maintenance	X			
Avionics				
On-equipment	X			
Off-equipment			X	X
Propulsion				
Oil Analysis Program (OAP)	X			
Installed Jet Engine Maintenance	X			
Jet Engine Retained Maintenance	X			
Accessory or Module Repair (J85)	Note 5			
Test Cell (J85)	X			
Receiving, Preservation, and Shipping Preparation (J85)	X			

Note 1: Contractor shall provide AGE for T-38C and LSC shall provide AGE for T-6A. Contractor is also responsible for movement and used maintenance of AGE provided by T-6 LSC.

Note 2: Contractor shall provide structural maintenance off-equipment support for T-38C and LSC shall provide structural maintenance off-equipment support for T-6A.

Note 3: Contractor shall provide pneudraulics off-equipment support for T-38C and LSC shall provide pneudraulics off-equipment support for T-6A.

Note 4: Contractor shall provide electro-environmental off-equipment support for T-38C and LSC shall provide electro-environmental off-equipment support for T-6A.

Note 5: Accessory or Module Repair shall be done at the ERRC.

3.1.56.4. T-37, T-38A and AT-38B Logistics Support Concepts.

TABLE 3-1-2

FUNCTION	RESPONSIBILITY	
	CONTRACTOR	HOST
Maintenance Training	X	
Quality Assurance	X	
Data Base Management	X	
Base Engine Manager	X	
Maintenance Analysis	X	
Plans, Scheduling, and Documentation	X	
Maintenance Operations Center	X	
Functional Check Flight (FCF)	X	
Aircraft Weight and Balance	X	
Crash Recovery	X	
Recovery of Off-Station Aircraft	X	
Transient Aircraft Support	X	
PMEL		
User Maintenance	X	
Scheduled Calibration / Repair		X
AGE	X	
Aircraft and Equipment Wash / Corrosion Control	X	
Sortie Generation	X	
Scheduled Maintenance	X	
Unscheduled On-equipment	X	
Structural Maintenance		
On-equipment	X	
Off-equipment	X	
Metals Technology	X	
Paint	X	
Survival Equipment	X	
Nondestructive Inspection (NDI)	X	
Wheel and Tire	X	
Fuel Systems		
On-equipment	X	

FUNCTION	RESPONSIBILITY	
	CONTRACTOR	HOST
Fuel Cell Maintenance	X	
Pneudraulics		
On-equipment	X	
Off-equipment	X	
Egress		
On-equipment/Transportation of Removed Seats	X	
On-equipment/Seat and Munitions Storage	X	
Electro-Environmental		
On-equipment	X	
Off-equipment	X	
Battery Maintenance	X	
Avionics		
On-equipment (includes Weapons)	X	
Off-equipment	X	
Propulsion		
Oil Analysis Program (OAP)	X	
Installed Jet Engine Maintenance	X	
Jet Engine Retained Maintenance	X	
Accessory or Module Repair	Note 1	
Test Cell	X	
Receiving, Preservation, and Shipping	X	
Munitions Maint and Delivery/Pick-up		X
Armament Maint and Weapons Loading	X	

Note 1: Accessory or Moduale Repair shall be done at the ERRC.

3.1.56.5. Contractor Management Responsibilities. The contractor shall establish written procedures to accomplish the following:

3.1.56.5. Monitoring, tracking and reporting of the T-6A LSC and T-38C LSC logistics support effectiveness and Government furnished spare support in the following areas.

3.1.56.5.1. Tracking the number of times LSC furnished assets requisitioned from the COMBS exceed the availability time specified by the T-6A and T-38C Logistic Support Contracts. These procedures shall also establish parameters for pickup of LSC assets requisitioned and available at each COMBS.

3.1.56.5.2. Not Mission Capable Supply (NMCS) time accounting for both LSC furnished assets not available from the COMBS and nonavailability of Government furnished items.

3.1.56.5.3. Partial Mission Capable Supply (PMCS) time accounting for both LSC furnished assets not available from the COMBS and nonavailability of Government furnished items.

3.1.56.5.4. Time accounting for Not Mission Capable Maintenance (NMCM) caused by the unavailability of CFSE.

3.1.56.5.5. Providing each applicable LSC with the necessary maintenance, flying hour and other required T-6A or T-38C logistic data to support spares forecasting, TCI tracking, configuration management and trend analysis.

3.1.56.5.6. Requisition, control, processing, documentation and back order verification of LSC furnished assets.

3.1.56.5.7. Joint use of facilities, under the contractor's control, for use by T-6A LSC to perform engine buildup (QEC installation) and CFSE maintenance scheduled and unscheduled maintenance.

3.1.56.5.8. Transfer and acceptance of accountability for LSC furnished T-6A and T-38C peculiar tools, material and CFSE possessed, stored and used by the contractor. These procedures shall have provisions for inventory and single item receipt when items are transported off Sheppard AFB for repair by the applicable LSC.

3.1.57. AETC Program Allocation (AETC/PA) Projection. By the beginning of the basic performance period and each option year, AETC will issue flying training hour projections for the next contract performance period (see Section B paragraph covering flying hour adjustments).

3.1.57.1. Variables to "AETC Flying Hour/Sortie Allocation." Minor variations to the program are inevitable because of the time projection of the document. Many of the factors that cause variations can be identified although the exact effect of each cannot be programmed. Such variable factors are:

3.1.57.1.1. Prolonged period of bad weather.

3.1.57.1.2. Student attrition rate fluctuation.

3.1.57.1.3. Aircraft deliveries/attrition.

3.1.57.1.4. Program guidance changes directed by higher headquarters.

3.1.57.1.5. Other related factors.

3.1.57.2. The contractor shall use the AETC/PA document to manage the support of the flying training program. This document reflects flying training hour projections for T-6A, AT-38B and T-38C missions and aircraft utilization projections. When changes occur, an annex/update to the AETC/PA will be issued by HQ AETC/DOF for purposes of making flying training hour adjustments, and so the contractor may initiate any downward or upward measures required to support the flying program.

3.1.57.3. Short Term Variations. Although historical experience data on the above mentioned variable factors are combined into each new AETC/PA, deviations from it may occur.

3.1.57.4. Flying Training Requirements. Appendix 3B shows projected flying hours from the AETC/PA. The contractor shall be responsible for support of all flying requirements in Appendix 3B, the AETC/PA document, and/or annexes/updates thereto, for the performance period of this contract. Flying hours depicted include student training, instructor upgrading, administrative requirements, and flight tests. For planning purposes, the following policies are considered:

3.1.57.4.1. See Appendix 3B for night flying projections.

3.1.57.4.2. Local flying will be required on weekends or holidays if unprogrammed sortie attrition results in a significant flying hour deficit. Aircraft that are scheduled for Saturday or Sunday launch shall have the Preflight Inspection accomplished during the normal weekday workday schedule to minimize the amount of Saturday overtime work required. Cost will be reimbursed under weekend/holiday flying CLIN as non-target cost. Maintenance performed by the contractor, not in direct support of weekend/holiday flying, i.e., engine maintenance, PE docks, etc., **is included in target cost** and will not be reimbursed under the weekend/holiday flying CLIN.

3.1.57.4.3. Cross-country aircraft will be launched, normally on Friday and occasionally on Saturday and Sunday. Recovery will be accomplished normally on Sunday afternoon and occasionally on holidays. **Cost shall be included in Target Cost.**

3.1.57.4.4. An allowance for average losses in effective flying days due to adverse weather has been included in the flying hour projections.

SECTION 3-2

3.2. SERVICE DELIVERY SUMMARY

3.2.1. The Government performance thresholds (standards) and calculation methods are listed in this Section. The contractor shall meet the performance thresholds set forth in this Section.

3.2.1.1. Technical operations performance thresholds are as follows:

Performance Objective	SOW Paragraph	Performance Threshold		
		T-37	T-38 *	T-6A
MC Rate (See Note A)	3.1.4., 3.1.6.1.	80% or higher	75% or higher	91% or higher
Average Fleet Time (See Note B)	3.1.4., 3.1.6.1.	See Note B		
Maintenance Nondelivery (See Note C)	3.1.4., 3.1.6.1.	1.5% or less	2% or less	1% or less
TNMCM (See Note D)	3.1.4., 3.1.6.1.	14% or less	19% or less	8% or less
Ground Abort Rate (See Note E)	3.1.4., 3.1.6.1.	2% or less	3% or less	1.5% or less
Maintenance Scheduling Effectiveness (See Note F)	3.1.4., 3.1.6.1.	95% or higher	95% or higher	95% or higher
Foreign Object Damage (Quarterly) (See Note G)	3.1.4., 3.1.6.1.	See Note G		
AWM Deferred Discrepancies (See Note H)	3.1.42.6.1.	2.5 or less	3.5 or less	0.5 or less
Average Repair Cycle Days (Quarterly)	3.1.4., 3.1.6.1.	See Note I		N/A
Base Repair Capability	3.1.4., 3.1.6.1.	See Note J		N/A

*** Per each different MDS, specifically, each standard applies separately to the T-38C and separately to the AT-38B--not cumulatively.**

Notes:

A. Mission Capable (MC) Rate: MC rates will be calculated for total aircraft possessed time. Rates are determined and calculated as specified in AETCI 21-105. Rate shall be rounded to the nearest one-tenth of a percent. Note: Report possessed hours only, using the applicable possession code definitions specified in AFI 16-402.

B. Fleet Time: Calculate the average aircraft fleet time IAW AETCI 21-101, Vol. 2 and AETCI 21-105. Fleet time will be rounded to the nearest whole hour. The monthly aircraft fleet time shall average 150 +/- 10 hours for the T-6A, 250 +/- 10 hours for the T-37, 225 +/- 10 hours for the T-38 over the basic contract period and each option period thereafter. Fleet time shall not be less than 125 hours for the T-6A, 225 hours for the T-37 aircraft, not less

than 200 hours for the T-38 aircraft, for more than two consecutive or three total months in any contract period.

C. Maintenance Nondelivery (MND): A scheduled sortie canceled due to maintenance reasons for which a scheduled spare aircraft was not available; i.e., ground abort, not refueled due to lack of manpower, failure to defrost canopies, etc. Rate is calculated as defined in AETCI 21-105. Rate will be rounded to the nearest tenth of a percent.

D. Total Not Mission Capable Maintenance (TNMCM): The basis for TNMCM is the total number of aircraft hours (scheduled and unscheduled) in Not Mission Capable Maintenance (NMCM) status and Not Mission Capable Both (NMCB), divided by the total possessed hours IAW AETCI 21-105.

E. Ground Abort: The basis for the ground abort rate is the number of aircraft canceled from the flying schedule after the aircrew arrives and prior to flight because of a maintenance or materiel deficiency. Rate is calculated according to AETCI 21-105. Rate will be rounded to the nearest tenth of a percent.

F. Maintenance Scheduling Effectiveness: Percent of on-time scheduled maintenance actions as defined in AETCI 21-101, Vol. 2 and AETCI 21-105. Rate will be rounded to the nearest tenth of a percent.

G. Foreign Object Damage (FOD): Damage to an aircraft caused by ingesting an object as defined in AFI 21-101. Chargeable FOD rates are calculated IAW AFI 21-101 and AETC Supplement. FOD rates shall not exceed the following: J85 FOD rate of one chargeable FOD during any quarter or four per any contract period and J69 rate of one per any contract period.

H. Awaiting Maintenance (AWM) Deferred Discrepancy (DD): Rate per Aircraft: Total number of AWM deferred discrepancies per possessed aircraft divided by the total number of possessed aircraft. Definition of a deferred discrepancy is specified in AETCI 21-101, Vol 2. Rate will be rounded to the nearest tenth of the calculated rate.

I. Average Repair Cycle Days: Quarterly average turnaround time for repair of reparable assets shall not exceed six calendar days for command, AFLC and/or local critical and/or intensive managed items and ten days for all other assets. Detailed information concerning repair cycle asset time processing requirements and time limits are specified in AETCI 21-101, Vol. 2. Base supply status listings, reports and the Core Automated Maintenance System (CAMS) are used to reevaluate compliance. Calculated backlogs will be rounded to the nearest whole day. Surveillance to evaluate compliance will be the Base Supply Status listing M32 report. Calculate repair cycle time rounded to the nearest whole day. COMBS managed assets do not apply to this threshold.

J. Base Repair Capability: The base repair capability rate shall not be less than 70%. Rate is calculated IAW TO-00-20-3. Rate shall be rounded to the nearest tenth of a percent.

3.2.1.2. Quality assurance evaluation performance quarterly thresholds are as follows:

Technical Inspection / Observations	SOW Paragraph	Performance Threshold
Aircraft Technical Inspections	3.4.5.1.	85% or higher (See Note A)
Jet Engine Technical Inspections	3.4.5.1.	85% or higher (See Note A)
Aerospace Ground Equip Technical Inspections	3.4.5.1.	85% or higher (See Note A)
Specialized Equipment, AGE / TCTO Inspection	3.4.5.1.	85% or higher (See Note A)
Scheduled Observation Area Inspections	3.4.5.1.	80% or higher (See Note B)

Note: The Government will compute as follows:

A. Total number of aircraft, engine or specialized equipment/TCTO inspections rated acceptable divided by the total number of all aircraft, engine or specialized equipment and TCTO inspections X 100 = Rate %.

Example: 10 aircraft inspections rated acceptable divided by 20 total inspections = .50 X 100 = 50%.

B. Total number of all observation area inspections rated satisfactory divided by total number of all observation area inspections X 100 = Rate %.

Example: 10 observation inspections rated acceptable divided by 20 total inspections = .50 X 100 = 50%.

The above computations will always be rounded to the next whole number. Example: 79.4 will be rounded to 79, 79.5 will be rounded to 80.

SECTION 3-3

3.3. GOVERNMENT –FURNISHED PROPERTY AND SERVICES

3.3.1. Government-Furnished Property (GFP). See SOW, Section 2-3, paragraph 2.3 and appendices 3-F through 3-FE.

3.3.2. Government Provided Services. See SOW, Section 2-3, paragraph 2.3.2.

SECTION 3-4

3.4. GENERAL INFORMATION

3.4.1. Abbreviations. Some of the following abbreviations may have been used in this SOW. (See AETCI 21-101 for additional abbreviations.)

2LM	Two-Level Maintenance
A/C or ACFT	Aircraft
ACO	Administrative Contracting Officer
ADP	Automated Data Processing
ADPE	Automated Data Processing Equipment
AETC	Air Education and Training Command (Synonymous)
AETC/PA	AETC Program Allocation
AETCI	Air Education and Training Command Instruction
AETCM	Air Education and Training Command Manual
AETCP	Air Education and Training Command Pamphlet
AF	Air Force
AFCAT	Air Force Catalog
AFI	Air Force Instruction
AFMAN	Air Force Manual
AFOSH	Air Force Occupational Safety & Health
AFP	Air Force Pamphlet
AFPD	Air Force Policy Directive
AFTO	Air Force Technical Order
AGE	Aerospace Ground Equipment
AMD	Average Mission Duration
AR	Aero Repair
ATD	Aircrew Training Devices
ATE	Automated Test Equipment
ATF	After the Fact (Inspection)
ATOMS	Automated Technical Order Management System
AUP	Avionics Upgrade Program
AWM	Awaiting Maintenance
AWP	Awaiting Parts
BAI	Backup Aircraft Inventory
BAI/AR	Backup Aircraft Inventory/Attrition Reserve
BCE	Base Civil Engineer
BE	Bioenvironmental Engineer
BEF	Base Environmental Flight
BITS	Base Information Transfer System
BPO	Basic Post-Flight Inspection
BQ	UJC Represents Mission Impaired Part Backordered
BSS	Base Service Store

CAMS	Core Automated Maintenance System
CAR	Customer Account Representative
CASS	Centralized Aircraft Support System
CDR	Contract Deficiency Report
CEMS	Comprehensive Engine Management System
CFE	Contractor Furnished Equipment
CFM	Contractor Furnished Material
CFSE	Contractor Furnished Support Equipment
CFT	Cockpit Familiarization Trainer or Contract Field Team
CLS	Contract Logistics Support
CO	Contracting Officer
COMBS	Contractor Operated and Maintained Base Supply
COMSEC	Communications Security
CPR	Cardiopulmonary Resuscitation
CSS	Contingency Support Staff
CTK	Composite Tool Kit
DIFM	Due in from Maintenance
DIS	Defense Investigative Service
DISCO	Defense Investigative Service Clearance Office
DLR	Depot Level Repairable
EAID	Equipment Authorized In-use Detail
EMP	Engine Modernization Program
ENMCS	Engine Non-Mission Capable Supply
EPA	Environmental Protection Agency
ERRC	Engine Regional Repair Center
FC	Functional Commander
FAR	Federal Acquisition Regulation
FAST	Forward Assets Support Training
FOD	Foreign Object Damage
FOL	Forward Operating Location
GF	Government Furnished
GFM	Government Furnished Material/Contractor Manufactured
GFP	Government Furnished Property
GFSE	Government Furnished Support Equipment
GFW	Government Furnished Warranty
GOV	Government Owned Vehicle
HAZMAT	Hazardous Materials
HM	Hazardous Materials
HMMP	Hazardous Materials Management Plan
HMP	HAZMAT Pharmacy
HQ	Headquarters
IAW	In Accordance With
IFF	Introduction to Fighter Fundamentals
IFS	Instrument Flight Simulator

IMC	Interim Message Change
IPI	In Process Inspection
ISM	Industrial Security Manual
LGND	Logistics Nondelivery
LMR	Land Mobile Radio
LRU	Line Replaceable Unit
LSC	Logistic Support Contract/Contractor
MA	Maintenance Authority
MC	Mission Capable
MICAP	Mission Capable or Mission Capability
MND	Maintenance Nondelivery
MSDS	Material Safety Data Sheet
NMC	Not Mission Capable
NMCB	Not Mission Capable Both (Maintenance and Supply)
NMCM	Not Mission Capable Maintenance
NMCS	Not Mission Capable Supply
NOR	Not Otherwise Repairable
NRC	Nuclear Regulatory Commission
NRTS	Not Repairable This Station
OJT	On the Job Training
OPLAN	Operational Plan - AF, AETC or Wing/Base
OPS	Operations
OPSEC	Operations Security Program
OSHA	Occupational Safety & Health Act
OTI	One Time Inspection
OTS	Over-the-Shoulder (Inspection)
PA	Program Allocation
PAI	Primary Aircraft Inventory
PAMS	PMEL Automated Management Subsystem
PFT	Programmed Flying Training
PMCB	Partially Mission Capable Both (Maintenance and Supply)
PMCM	Partially Mission Capable Maintenance
PMCS	Partially Mission Capable Supply
PMEL	Precision Measurement Equipment Laboratory
QA	Quality Assurance
QAE	Quality Assurance Evaluator
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Plan
QVI	Quality Verification Inspection
SBSS	Standard Base Supply System
SCC	Specialized Common Carrier
SFS	Security Forces Squadron
SOW	Statement of Work

SPP	Standard Practice Procedure
SPRAM	Special Purpose Recoverable Authorized Maintenance
STE	Security Test & Evaluations
SUPT	Specialized Undergraduate Pilot Training
AS	Allowance Standard (aka Table of Allowance)
TMDE	Test, Measurement and Diagnostic Equipment
TNMCM	Total Not Mission Capable Maintenance
TNMCS	Total Not Mission Capable Supply
TO	Technical Order
TODA	Technical Order Distribution Administrator
TODO	Technical Order Distribution Office
TRN	Turn Around Transaction
UTE	Utilization
VCO	Vehicle Control Officer

3.4.2. Standard Definitions.

3.4.2.1. Applicable Technical Data. Those Air Force Technical Orders (TOs), instructions, regulations, manuals, and Time Compliance Technical Orders (TCTOs) which direct or prescribe required maintenance/inspection procedures on assigned aircraft, engines, and associated equipment. Supplements and amendments are considered part of the basic publication and shall require compliance. Any reference to a publication is meant to include the basic publication and all of its supplements and amendments. Supplements or amendments to publications from any organizational level may be issued during the life of the contract.

3.4.2.2. Contractor-Furnished Material (CFM). CFM are contractor-provided common hand tools (e.g., screwdrivers, wrenches, sockets, etc) requiring replacement during the life of the contract.

3.4.2.3. Contractor-Furnished Support Equipment (CFSE). CFSE is equipment provided to the Government by a Logistic Support Contractor (LSC) in support of a particular weapon system.

3.4.2.4. Deployment. A movement of aircraft requiring maintenance support at a location other than the assigned base. The aircraft are deployed to provide operational mission support.

3.4.2.5. Functional Commander (FC). The commander of the organization having responsibility for the actual performance of a given service whether it is performed in-house or by contractor. For this contract the FC is the 80th FTW Commander.

3.4.2.6. Government-Furnished Equipment (GFE). Government-provided equipment; e.g., tools, special tools, bench stock, and consumables not to include personal protection devices/equipment (See appendices 3F-3FC).

3.4.2.7. Government-Furnished Material (GFM). Government-provided materials for the local manufacture of tools; e.g., sheet metal, metal stocks, fabrics, plastics, special modification to tools, etc (See SOW paragraph 2-3).

3.4.2.8. Tool Warranty. As it applies to tools listed in Appendix FC that are covered under a manufacturer's warranty program.

3.4.2.9. Quality Assurance (QA). A planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established, products and services conform to established technical requirements, and satisfactory performance is achieved.

3.4.2.10. User Maintenance. The care and servicing by personnel who own or use equipment, but do not possess overall responsibility; to maintain equipment and facilities in a safe and satisfactory operating condition by providing for systematic inspection, detection, and correction of minor defects before they develop into major defects. These actions include, but are not limited to cleaning; waxing; servicing; pre-use inspections; operational checks; checking fluid levels; tightening of nuts, bolts, and screws, minor adjustments; and forms documentation.

3.4.3. Aircraft Evaluation Areas.

3.4.3.1. T-37 Aircraft:

3.4.3.1.1. Area 1: Forward fuselage and cockpit (fuselage station (FS) 0.00 to FS 167.07).

3.4.3.1.2. Area 2: Wings and engines (wing station (WS) 45.75 to WS 202.99 and FS 167.07 to FS 252.77).

3.4.3.1.3. Area 3: Fuselage and empennage (FS 252.77 to FS 351.37, buttock line (BL) 2.30 to BL 83.75 and water line (WL) 22.74 to WL 87.125).

3.4.3.2. T-38 Aircraft (all MDS):

3.4.3.2.1. Area 1. Forward fuselage and cockpits (FS 26.41 to FS 312.00).

3.4.3.2.2. Area 2. Forward center fuselage, wing and main landing gear (FS 312.00 to FS 445.00).

3.4.3.2.3. Area 3. Aft center fuselage, engine bay and vertical stab (FS 445.00 to cantilever FS 505.00).

3.4.3.2.4. Area 4. Removable aft section (cantilever FS 505.00 to cantilever 582.095).

NOTE: Areas 3 and 4 may be combined.

3.4.3.3. T-6A Aircraft.

3.4.3.3.1. Area 1: Engine and forward fuselage (zones 100, 200 and 400).

3.4.3.3.2. Area 2: Aft fuselage and empennage (zone 300).

3.4.3.3.3. Area 3: Cockpit and canopy (zone 800).

3.4.3.3.4. Area 4: Left and right wing (zones 500, 600 and 700).

3.4.4. Technical Definitions Peculiar to this SOW. See AETCI 21-101 for additional explained terms.

3.4.4.1. Acceptance Inspections. Inspections performed when an aircraft, engine, or support equipment has just returned from extensive maintenance of a depot-level category, or being permanently reassigned from any other unit. This includes, but is not limited to, aircraft returning from command-utilized Queen Bee (depot) and from the structural life extension program and engine modernization program.

3.4.4.2. AETC Flying Training Projection. The AETC estimate of the future flying training program which is used as a basic program document against which flying hour forecasts are made. (Includes the AETC Program Allocation [PA]).

3.4.4.3. AETC Program Allocation (AETC/PA). A document prepared and issued by AETC that specifies the estimated number of flying hours and sorties to be flown throughout a given year. These estimates are then broken out by monthly sortie, flying hour, and utilization (UTE) rate targets for each aircraft. The AETC/PA is used as the basic program document against which the aircraft flying and maintenance schedules are made.

3.4.4.4. Bench Stock. Expendable material used in the performance of maintenance.

3.4.4.4.1. Government-Furnished Bench Stock. All consumable and expendable items centrally managed by the Defense Logistics Agency (DLA) used in the performance of maintenance.

3.4.4.4.2. Contractor-Furnished Bench Stock. All consumable, expendable and non-MIL-Spec type items, unique to a particular weapon system, furnished or maintained under a Logistic Support Contract (LSC).

3.4.4.5. Consumables. Items that are either consumed in use or which lose their original identity during periods of use by incorporation into or attachments upon another assembly.

3.4.4.6. Deferred Discrepancy. A minor malfunction or deficiency on aircraft or equipment that will not affect the operation or safety and that cannot be corrected within three duty days after discovery due to nonavailability of parts, manpower, facilities, or equipment.

3.4.4.7. FK Support. Air Force Stock record account number prefix for munitions.

3.4.4.8. Fleet Time Average. Average number of flying hours remaining on the possessed aircraft to the next periodic and (or) phase inspection.

3.4.4.9. Hangar Queen. Aircraft that have not flown for a specified length of time are considered in "Hangar Queen" status IAW AETCI 21-101.

3.4.4.10. Jewelry. Any necklace, ring, earring, body piercing ring, watch, hair adornments (barrettes, hair pins, bobby pins, etc), bracelet chain, or key chain worn under or over outer garments.

3.4.4.11. Job Control Number (JCN). Number assigned to an aircraft/AGE maintenance work request. Also referred to as a year-event ID in CAMS.

3.4.4.12. Off-Equipment. Maintenance on components not attached to an end item, i.e., aircraft, engine or support equipment.

3.4.4.13. Off-Equipment Maintenance. Maintenance tasks that are not or cannot be effectively accomplished on the aircraft, engine, or support equipment and require removal of the component to a repair shop and use of repair shop resources.

3.4.4.14. On-Equipment. Equipment attached to the aircraft, engine or support equipment not requiring in-shop repair.

3.4.4.15. On-Equipment Maintenance. Maintenance on components attached to an end item, i.e., aircraft, engine or support equipment.

3.4.4.16. One Time Inspection (OTI). Local (L-code) or higher headquarters (J-code) directed inspection accomplished to determine equipment condition or status.

3.4.4.17. Overhaul. The disassembly, cleaning, inspection, repair, or replacement of parts or components, reassembly, and test of any item or accessory IAW applicable TOs, directives, or authorized manufacturer's publications to provide an operationally safe, serviceable, and reliable item.

3.4.4.18. Repair. The restoration or replacement of parts or components of material as necessitated by wear and tear, damage, failure of parts or the like in order to maintain the specific item of material in proper operating condition.

3.4.4.19. Safety Equipment. Equipment to prevent injury while performing specific tasks.

3.4.4.20. Scheduled Maintenance. Periodic prescribed inspections and/or servicing of equipment accomplished on a calendar or hourly basis IAW TO 00-20-1.

3.4.4.21. Serviceable. Capable of meeting the requirement and performance of the function for which designed or modified, and meeting all test requirements established by the prescribed specification.

3.4.4.22. Static Display. AF Museum or other designated aircraft or aircraft components.

3.4.4.23. Support Agreements. A written document that describes facilities, material, or services provided by the host to another organization.

3.4.4.24. Support Sortie Requirements. All non-student sorties in support of the mission.

3.4.4.25. Aerospace Ground Equipment (AGE) Subpool. Prepositioned AGE located to allow immediate access for designated users.

3.4.4.26. Time Compliance Technical Orders (TCTO). The media authorized by AFPD 21-3 to provide instructions to Air Force activities for accomplishing and/or making a record of "one time" changes to standard systems, equipment, materials, munitions, and computer programs or for imparting precautionary instructions relating to safety, limitations, or inspections of system/equipment or munitions. Compliance is required within specified time limits.

3.4.4.27. Tools. Items used in the performance of maintenance and inspection of a weapons system, support and training aircraft, subsystem, component, or the supporting equipment. Non-expendable replacement tools shall not be carried on bench stock. Expendable tools (apex bits, drill bits, etc.) will be controlled, accounted for, and secured IAW AETCI 21-101.

3.4.4.27.1. Common Hand Tools. Tools that are found in common usage such as those applicable to or used on a variety of equipment and components. These items include, but are not limited to, wrenches, sockets, pliers, etc.

3.4.4.27.2. Special Tools. Tools that are designed and developed to perform a peculiar maintenance operation on a specific end item of equipment or component. These items include, but are not limited to, wheel or bearing pullers, special jigs, special cradles, alignment devices, vacuum pumps, floor jacks and cranes, engine slings, and those special tools listed in applicable equipment technical orders.

3.4.4.28. Transfer/Acceptance Inspection. Transfer inspections shall be performed IAW TO 00-20-1, AFI 21-103 and AETCI 21-101. The minimum inspection requirement is a combined pre/basic postflight inspection.

3.4.4.29. Transient Aircraft. Non-assigned aircraft that land at the base.

3.4.4.30. Turn Around Transaction (TRN). A repair and reinstallation of a repairable item that updates the demand level for repair cycle assets.

3.4.4.31. Two-Levels of Maintenance 2LM Concept. Under the 2LM concept, Air Logistics Centers (ALC) are responsible for intermediate-level repair of selected aircraft avionics components and engines on affected weapon systems.

3.4.4.32. Unscheduled Maintenance. Those unpredictable maintenance requirements that had not been previously planned or programmed, but require prompt attention and must be added to, integrated with or substituted for previously scheduled workloads.

3.4.5. Government Quality Assurance Surveillance. The Government will evaluate the contractor's performance under this contract using the contractor's QC plan; this contract; contractor's instructions, regulations, OIs; Government instructions, regulations, and manuals (or portions thereof); applicable technical orders; surveillance techniques; performance thresholds listed in section 3-2. The Government will evaluate the contractor's adherence to the requirements of this contract by periodic inspection methods, utilizing the Quality Assurance Surveillance Plan (QASP), inspection guides and the procedures specified in AFI 63-124 and AETCI 21-107. All areas of the contract are subject to Government surveillance.

3.4.5.1. Technical Inspections/Observation Areas/Safety Violations. The Government

will conduct surveillance and rate contractor's performance based on provisions in Section 3-4 and the following technical inspections and observations as defined in AETCI 21-107.

3.4.5.1.1. Technical Inspections.

1. Aircraft Technical Inspections
2. Jet Engine Technical Inspections
3. Support Equipment Technical Inspections
4. Special Inspections and TCTOs
5. Specialized Equipment

3.4.5.1.2. Observations.

1. Composite Tool Kit (CTK)
2. Hangars, Flight Line and Jet Engine Operating Areas for Potential Foreign Object Damage (FOD)
3. Technical Order Maintenance
4. AFTO Forms Documentation
5. Automated Systems Documentation
6. Specific Work Areas specified in AETCI 21-107

3.4.5.1.3. Safety Violations. Safety violations will be documented as specified in AETCI 21-107.

3.4.5.1.4. The contractor rates for technical inspection/observation area performance thresholds, Section 3-2 shall be maintained at an overall acceptable level on a quarterly basis.

3.4.5.1.5. Increased inspection frequencies may be implemented whenever the FC or Government Quality Assurance Personnel suspect that performance or equipment deficiencies exist.

3.4.5.1.6. The Government will use provisions of this SOW, AETCI 21-101 and the standards and baselines listed in AETCI 21-107 when determining evaluation ratings.

3.4.6. Contractor Quality Control Inspection and Evaluation Requirements.

3.4.6.1. As a minimum, the contractor shall, on a monthly basis, perform the quality control and personnel evaluations in the areas and quantities listed below on each MDS. When computing frequency, requirements shall be rounded up to the next whole number.

A	B	C	D	E
Line	Item	Minimum Technical Evaluation	Minimum Personnel Evaluations	Notes
AEROSPACE VEHICLES (T-37, T-38 and T-6A)				
1	Preflight, basic postflight, home-station check and through-flight inspection (includes combined preflight/postflight)	10%	Rep Sample	1,3
2	T-38 225/T-6A 100 hour postflight or isochronal inspection	10%	Rep Sample	1,4
3	Periodic inspection (PE)	10%	Rep Sample	1,4
4	Liquid servicing	6	1	
5	Gaseous servicing	3	1	
6	Ground movement	3	1	
7	Flight control rig/maintenance	3	1	
8	Landing gear maintenance (includes wheel and tire)	3	1	
9	Canopy rig	2	1	
10	Throttle rig	2	1	
11	Egress maintenance	2	1	
12	Brake system maintenance	2	1	
13	T-38 aft section installation	3	1	
14	A/C wash and corrosion control	10%	1	4
15	Environmental system maintenance	2	1	
16	Avionics system maintenance	2	1	
17	Electrical system maintenance	2	1	
18	Fuel system maintenance	2	1	
19	Reserved			
20	Reserved			
ENGINES, AGE and CASS				
21	Engine rig	2	1	
22	Engine installation	2	1	
23	Engine Maintenance (retained tasks and hot section inspection)	2	1	
24	Engine Test Cells	1 per quarter		
25	Powered AGE and CASS service	6	6	
26	Powered AGE and CASS periodic	10%	Rep Sample	1,5
27	Nonpowered AGE	3		
SPECIALIZED EQUIPMENT				
28	Bench mock-up and consoles	2	2	
29	Test equipment	2	2	
30	Industrial equipment and special tools	2	2	
31	User maintained TMDE	2	8	
32	Personnel parachute repack	5%	Rep Sample	4
33	Hush house and/or sound suppresser	1 per quarter	Rep Sample	6
34	Life Rafts	5%		4
35	Reserved			

TCTOs AND SPECIAL INSPECTIONS				
36	TCTOs	5%		4
37	Transfer/acceptance inspection	as necessary		
WEAPONS/ARMAMENT				
38	Weapons Loading Tasks (i.e., Arm/Dearm, Loading, Immediately Prior to Launch)	4		7
39	SUU-20, End-of-Firing Day	1		7
40	SUU-20, 180 Day Inspection	1 per quarter		7
41	MA-4 Bomb Rack/AT-38B Weapons Pylon Inspections	1		7
NOTES: 1. Perform a document file inspection in conjunction with the inspection. 2. Check the test cell for adequacy of inspections and repair, calibration, corrosion, control, and document file. 3. Any combination of preflight, BPO, home-station check, thruflight, etc., selected to meet the monthly inspection requirements; for example, 80 aircraft possessed equals 8 inspections. Three preflights, two thruflights and three BPO inspections would meet the minimum requirement of eight inspections. (Do not include aircraft in storage or at forward operating locations in totals for percentage computations for inspections performed at home base). 4. Number of required inspections is based on the percentage of aircraft possessed or the percentage of inspections, washes, TCTOs, etc., scheduled monthly (whichever is higher). For T-37 and T-38 aircraft PE evaluations, the sum of all areas are equal on aircraft. 5. Check the Hush House and Sound Suppressor for adequacy of the inspection and repair, calibration, corrosion control and document file. 6. Applies to AT-38B aircraft only.				

3.4.6.2. Contractor's Quality Control Baseline Standards:

MINOR DISCREPANCY/DEFICIENCY/BASELINES AEROSPACE VEHICLES					
T-37		T-38		T-6A	
Preflight	2	Preflight	2	Preflight	2
Thruflight	1	Thruflight	2	Thruflight	2
BPO	4	BPO	5	BPO	4
BPO III	4	BPO III	6	BPO III	4
BPO/Preflight	4	BPO/Preflight	6	BPO/Preflight	4
125 Hr HPO	1	25 Hr BPO	3	100 hr HPO	2
250 Hr HPO	3	225 Hr HPO	3		
Wash	2	Wash	2	Wash	2
T-37 MINOR PE		T-38 MINOR PE		T-6A 300 HOUR PE	
Area 1	2	Area 1	3	Area-1	2
Area 2	2	Area 2	2	Area 2	2
Area 3	2	Area 3/4	3	Area 3	2
				Area 4	2
T-37 MAJOR PE		T-38 1ST MAJOR PE		T-6A 600 HOUR PE	
Area 1	2	Area 1	3	Area 1	2
Area 2	2	Area 2	2	Area 2	2
Area 3	2	Area 3/4	3	Area 3	2
				Area 4	2

T-38 2ND MAJOR PE	
Area 1	3
Area 2	3
Area 3/4	4
SUPPORT EQUIPMENT (SE)	
Powered AGE and CASS Service	2
Powered AGE and CASS Periodic	2
Nonpowered AGE	2
Industrial Equipment and Special Tools	1
User-maintained TMDE	1
Personnel parachute repack	1
SPECIALIZED EQUIPMENT	
Test Cell/Hush House/Sound Suppressor	1
Life Raft	1
Bench Mock-Up Consoles	1
Test Equipment	1
TCTOs AND SPECIAL INSPECTIONS	
TCTO	1
Transfer/Acceptance Inspection	Same as BPO/PR
<p>Notes:</p> <ol style="list-style-type: none"> 1. The baseline for all personnel evaluations is two minor chargeable (Category I) discrepancies. 2. The baseline for documentation file inspections is three discrepancies. 3. Baseline for tool kit, technical order files, housekeeping type inspections are specified in AETCI 21-107. 4. Baseline for Foreign Object (FO) Inspections is no major discrepancies; i.e., no FO. 5. AETC Special Inspection baseline is two minor discrepancies. An exception is the T-38 Challenge and Response (C&R) special inspections which are not allowed any discrepancies. 6. Category I: Improperly completed requirement. Discrepancies that were specific maintenance or inspection requirements, but were either improperly cleared during the inspection or maintenance task or were not detected. This category is the only chargeable category for rating personnel evaluation, and it is confined to only those specific maintenance tasks mandated by the prescribed technical data and performed by the technician accomplishing the inspection or task. 7. Category II: Maintenance malpractice discrepancies that indicate prescribed maintenance actions were improperly accomplished before the performance of the task being inspected or evaluated. 8. Category III: Common maintenance item. Obvious defects readily detectable by the technician performing the inspection or task. 9. Category IV: Discrepancies that are identified in the future inspections and not readily detectable discrepancies. Do not use this category if the discrepancy more accurately falls into another category. <p>See AETCI 21-107 for definitions of minor/major.</p>	

APPENDIX 3A

1. APPLICABLE PUBLICATIONS

1.2. Introduction. The following Publications and other directives/documents are applicable to this SOW.

1.3. Publications. Publications and other directives/documents applicable to this SOW are listed below. The publications and forms have been coded as mandatory or advisory. The contractor shall follow those publications/directives/forms coded as mandatory without deviation. The contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this SOW (ref. paragraph 2.4.14). All publications and forms listed shall be provided or made available via electronic means by the Government at the start of the contract (See Section 3-3). It is the responsibility of the contractor to establish follow-on requirements with the Publications Distribution Office IAW applicable directives. Any reference to a publication is meant to include the basic and all its supplements and amendments. Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. The contractor shall immediately implement those changes in publications which result in a decrease or no change in the contract price. Prior to implementing any mandatory revision, supplement, or amendment to a publication or directive that will result in a contract price increase, the contractor shall submit to the CO a price increase proposal and obtain approval from the CO prior to implementing such changes. The contractor shall submit price increase proposal within 30 calendar days from the date the contractor receives notice of the revision, supplement, or amendment giving rise to increase in cost of performance; however, the CO may direct immediate implementation and waive the prior approval requirement. Negotiation and/or increased cost approval may take place during or after implementation at the discretion of the CO. Failure of the contractor to submit a price proposal within 30 calendar days from the date of receipt of any change shall entitle the Government to performance in accordance with such change with no increase in contract price. It is the contractor's responsibility to ensure that all publications are maintained IAW AFI 37-160, Volume 7. The contractor shall control technical orders in accordance with TOs 00-5-1, 00-5-2, and 00-5-17.

1.4. Technical Orders and Technical Manuals. All technical orders and technical manuals, as defined by AF policy directive 21-3, applicable to the management and maintenance of AETC/PIT/IFF aircraft, transient aircraft, engines, and support equipment are mandatory publications. Note: Technical Orders/Manuals are not listed in this section but are incorporated by reference.

Air Force Policy Directives

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFPD 21-1	Managing Aerospace Equipment Maintenance	Aug 93	M
AFPD 21-3	Technical Orders	May 93	M

Air Force Instructions

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFI 11-209	Air Force Participation in Aerial Events	May 99	M
AFI 11-218	Aircraft Operation and Movement on the Ground	May 94	M
AFI 11-401	Flight Management	Jan 99	A
AFI 16-402	Aerospace Vehicle Programming Assignment, Distribution, Accounting and Termination	Aug 97	M
AFI 21-101	Maintenance Management of Aircraft	Oct 98	M
AFI 21-102	Depot Maintenance Management	Jul 94	M
AFI 21-103	Equipment Inventory, Status and Utilization Reporting	Jul 98	M
AFI 21-104	Management of Selected Gas Turbine Engines	Jun 94	M
AFI 21-105	Aerospace Equipment Structural Maintenance	Jun 99	M
AFI 21-112	Aircrew Egress Systems Maintenance	May 00	M
AFI 21-123	Air Force Gold Program	Feb 97	M
AFI 21-124	Air Force Oil Analysis Program	Feb 96	M
AFI 24-202	Preservation and Packing	Jun 94	M
AFI 24-301	Vehicle Operations	Oct 98	M
AFI 24-302	Vehicle Maintenance Management	May 94	M
AFI 31-401	Information Security Program Management	Jan 99	M
AFI 32-1024	Standard Facility Requirements	May 94	A
AFI 32-4001	Disaster Preparedness Planning and Operations	May 98	A
AFI 32-7042	Solid and Hazardous Waste Compliance	May 94	M
AFI 32-7061	The Environmental Impact Analysis Process	Jan 95	M
AFI 32-7080	Pollution Prevention Program	May 94	M
AFI 32-7086	Hazardous Material Management	Aug 97	M
AFI 33-106	Managing High Frequency Radios, Land Mobile Radios, Cellular Telephones, and the Military Affiliate Radio System	Sep 97	M
AFI 33-111	Telephone Systems Management	May 98	M
AFI 33-112	Computer Systems Management	Dec 97	M
AFI 33-113	Managing Messaging and Data Processing Centers	Mar 98	M
AFI 33-114	Software Management	Jul 00	M
AFI 33-202	Computer Security	Jun 00	M
AFI 33-322	Records Management Program	Dec 98	M

AFI 36-2201	Developing, Conducting and Managing Training	Apr 97	M
AFI 36-2211	Aircrew Qualification and Training	Dec 96	M
AFI 36-2217	Munitions Requirements for Aircrew Training	Jan 94	M
AFI 36-2863	History Awards	Jan 98	M
AFI 36-2903	Dress and Personal Appearance of AF Personnel	Jun 98	M
AFI 37-160, Vol. 7	The Air Force Publications and Forms Management Programs - Publication Libraries and Sets	Nov 93	M
AFI 38-401	The Air Force Innovative Development through Employee Awareness (IDEA) Program	Oct 97	M
AFI 40-201	Managing Radioactive Materials in the Air Force	Sep 00	M
AFI 63-124	Performance-Based Service (PBS) Contracts	Apr 99	A
AFI 64-117	Air Force Government-wide Purchase Card Program	Oct 00	A
AFI 91-202	The USAF Mishap Prevention Program	Aug 98	M
AFI 91-204	Safety Investigation and Reports	Nov 99	M

Air Force Mission Directives/Manuals/Pamphlets and DoD Directives.

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFCSM 21-556, Vol. 1	Core Automated Maintenance Systems (CAMS) Operator Manual	Nov 96	M
AFCSM 21-556, Vol. 2	Introduction to CAMS Software Use Manual	Apr 97	M
AFCSM 21-558, Vol. 2	CAMS Comprehensive Engine Management System User Manual	Jan 97	M
AFCSM 21-559, Vol. 2	CAMS Automatic Equipment Reporting Systems User Manual	Nov 96	M
AFCSM 21-561, Vol. 2	CAMS Maintenance Events User Manual	Jan 97	M
AFCSM 21-563, Vol. 2	CAMS Job Data Documentation User Manual	Nov 96	M
AFCSM 21-564, Vol. 2	CAMS Status and Inventory Reporting User Manual	Nov 96	M
AFCSM 21-565, Vol. 2	CAMS Operation Event Subsystem User Manual	Jan 97	M
AFCSM 21-566, Vol. 2	CAMS Inspection and Time Change User Manual	Dec 96	M
AFCSM 21-567, Vol. 2	CAMS Equipment/Personnel Transfer User Manual	Dec 96	M
AFCSM 21-568, Vol. 2	CAMS Time Compliance Technical Order User Manual	Jan 97	M
AFCSM 21-569, Vol. 2	CAMS Personnel Management User Manual	Oct 96	M

AFCSM 21-570, Vol. 2	CAMS Training Management User Manual	Feb 97	M
AFCSM 21-571, Vol. 2	CAMS Database Management User Manual	Oct 96	M
AFCSM 21-572, Vol. 2	CAMS Automated AFTO Form 781 Series User Manual	Jan 97	M
AFCSM 21-573, Vol. 2	CAMS Automated Scheduling Module User Manual	Oct 96	M
AFCSM 21-574, Vol. 2	CAMS Automated Debriefing User Manual	Oct 96	M
AFCSM 21-575, Vol. 2	CAMS Job Control/Automated Maintenance Operations Control Center User Manual	Oct 96	M
AFCSM 21-577, Vol. 2	CAMS Egress Configuration Management User Manual	Jan 97	M
AFCSM 21-578, Vol. 2	CAMS Product Quality Deficiency Reporting Systems User Manual	Oct 96	M
AFCSM 21-579, Vol. 2	CAMS Maintenance-Supply Interface User Manual	Oct 98	M
AFMAN 23-110, Vol. 2	USAF Supply Manual	Oct 00	A
AFMAN 23-110, Vol. 2, Pt. 13	Standard Base Supply Customer's Procedures	Oct 00	A
AFMAN 23-110, Vol. 7, Pt. 4	Zero Overpricing Program (ZOP)		
AFMAN 37-123	Management of Records	Aug 94	A
AFMAN 37-139	Records Disposition Schedule	Mar 96	M
AFMAN 91-201	Explosives Safety Standards	Mar 00	M
DoD 5200.1-R	Information Security Program	Jan 97	M
DoD 5400.7-R	DoD Freedom of Information Act Program	Sep 98	M
DoD 6055.9-STD	DoD Ammunition and Explosives Safety Standards	Jul 99	M

AETC Instructions.

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AETCI 11-301	AETC Aircrew Life Support (ALS) Program	May 99	M
AETCI 21-101, Vol. 1	Maintenance Management-General	Jun 95	A
AETCI 21-101, Vol. 2	Maintenance Management of Aerospace Equipment	Feb 97	M

SHEPPARD AFB AIRCRAFT MAINTENANCE

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AETC 21-103	Maintenance Training, Qualification and Certification Program	Nov 98	M
AETCI 21-104	Aircraft Planning and Scheduling	Feb 97	M
AETCI 21-105	Logistics Quality Performance Measures Reporting	Apr 99	M
AETCI 21-106	Corrosion Control	Mar 97	M
AETCI 21-107	Maintenance Management - Maintenance Contract Surveillance	Aug 99	M
AETCI 21-111	Gold Way Program	Sep 00	M
AETCI 36-2211	Aircrew Qualification and Training	Feb 99	M

AFOSH Standards

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	<u>Mandatory/ Advisory</u>
AFOSH STD 91-100	Aircraft Flight Line Ground Operations and Activities	May 98	M

Sheppard AFB and 80 FTW Instructions

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>	
SAFBI 13-201	Airfield Vehicle Traffic	May 96	M
SAFBI 23-102	Precious Metals Recovery Program	Oct 96	M
SAFBI 31-201	Control and Care of Pets and Other Animals	Apr 99	A
SAFBI 32-1001	Snow and Ice Control	Jan 96	M
SAFBI 32-1024	Facility Manager Program	Apr 96	M
SAFBI 32-2001	SAFB Fire Protection Program	Aug 98	M
SAFBI 32-7001	Hazardous Material Management	Apr 97	M
80 FTWI 10-201	Contingency Operations and Preparations	Oct 99	M
80 FTWI 10-202	Aircraft Dispersal for Severe Weather	May 99	M
80 FTWI 31-201	Protection of Controlled Areas	Apr 99	M

SHEPPARD AFB AIRCRAFT MAINTENANCE

80 FTWI 31-401	Information Security	Jul 00	M
80 FTWI 33-101	Computer Resources	Oct 98	M

ELECTRONIC PUBLICATIONS ARE AVAILABLE ON THE LOCAL AREA NETWORK AT:

<http://afpubs.hq.af.mil/orgs.asp?type=pubs>

ELECTRONIC FORMS ARE AVAILABLE ON THE LOCAL AREA NETWORK AT:

<http://afpubs.hq.af.mil/orgs.asp?type=pubs>

APPENDIX 3B**WORKLOAD ESTIMATES**

Note: Data presented in this Appendix are estimates only based on the most current information available and not necessarily expressed as projections of workload. They are provided either as reasonable estimates or as examples of past workload that demonstrate the extent of effort that can reasonably be expected.

1. FLYING TRAINING PROJECTION.

	CONTRACT AWARD	OPERATIONAL PERIOD BASELINE	(-/+ 5%) PARAMETER	CURRENT HQ AETC/PA	HRS ADJ	MOD #
1.1. T-37 Aircraft Flying Hours:						
FY 02	37,048		(/)			
FY 03	37,601		(/)			
FY 04	37,601		(/)			
FY 05	38,154		(/)			
FY 06	38,154		(/)			
FY 07	38,154		(/)			
FY 08	37,654		(/)			
FY 09	16,312		(/)			
1.2. T-38A Aircraft Flying Hours:						
FY 02	37,191		(/)			
FY 03	38,640		(/)			
FY 04	38,157		(/)			
FY 05	38,640		(/)			
FY 06	38,173		(/)			
FY 07	13,271		(/)			
FY 08	1,198		(/)			
FY 09	0		(/)			
1.3. AT-38B Aircraft Flying Hours:						
FY 02	5,928		(/)			
FY 03	5,928		(/)			
FY 04	5,928		(/)			
FY 05	5,928		(/)			
FY 06	5,928		(/)			
FY 07	2,705		(/)			
FY 08	0		(/)			

	CONTRACT AWARD	OPERATIONAL PERIOD BASELINE	(-/+ 5%) PARAMETER	CURRENT HQ AETC/PA	HRS ADJ	MOD #
FY 09	0		(/)			
1.4.1. T-38C Aircraft Flying Hours (ENJJPT):						
FY 06	2,254					
FY 07	27,531		(/)			
FY 08	39,120		(/)			
FY 09	39,123		(/)			
1.4.2. T-38C Aircraft Flying Hours (IFF):						
FY 06	0					
FY 07	3,690		(/)			
FY 08	5,928		(/)			
FY 09	6,224		(/)			
1.5. T-6A Aircraft Flying Hours:						
FY 08	7,287		(/)			
FY 09	32,789		(/)			

2. FLYING PROGRAM UTILIZATION.

2.1. Approximately 75 orientation flights may take place each year using any type aircraft.

2.2. Approximately 50-60 USAFA/ROTC flights may take place each year using T-37 aircraft.

2.3. Approximately 1-5 USAFA/ROTC flights may take place each year using T-38 aircraft.

2.4. T-37 night flights consist of approximately 1.2 percent of the hours per year.

2.5. T-38 night flights consist of approximately 1.3 percent of the hours per year.

2.6. T-6A night flights consist of approximately 2.0 percent of the hours per year.

2.7. T-37 weekend cross-country flights consist of approximately 1.9 percent of the hours per year.

2.8. T-38 weekend cross-country flights consist of approximately 1.7 percent of the hours per year.

SHEPPARD AFB AIRCRAFT MAINTENANCE

2.9. T-6A weekend cross-country flights consist of approximately 11 percent of the hours per year.

2.10. T-37 FCF flights consist of approximately 0.35 percent of the hours per year.

2.11. AT-38B/T-38 FCF flights consist of approximately 0.39 percent of the hours per year.

2.12. AT-38B deployments. The Government estimates an average of four AT-38B deployments annually. Each deployment will be from 5 to 14 days with 3 to 6 aircraft requiring support. Note: No munitions will be expended during deployments.

Note: Approximately 10 percent of T-6A and T-38 flying hours will be utilized for non-student missions such as; proficiency training, administrative flights, incentive flights, orientation flights, and Functional Check Flights.

3. AIRCRAFT ASSIGNMENT DATA.

MDS	UTE RATE (Note 1)	ASD	TAI (Note 2)	MEAN PAI (Note 2)
T-37	36	1.28	97	76
T-38A	35	1.16	97	78-83
AT-38B	26	0.95	25	20
T38C (ENJPPT)	35	1.16	115	80
T-38C (IFF)	26	0.95	25	20
T-6A	40	1.38	62	59

Note 1: The UTE rate for T-37, T-38A, AT-38B, T-38C and T-6 aircraft is a sortie UTE rate. This is calculated as follows: annual flying hours divided by 12 to get hours in a month divided by sortie length to get number of sorties in a month divided by PAI= UTE rate. The above are estimates only and are based on the most current information available. Actual execution and unit flying hour adjustments may drive variances to the allocation numbers. The actual Utilization Rate (UTE) and Average Sortie Duration (ASD) will vary as much as plus or minus 5 percent during the year and as much as plus or minus 5 percent, cumulative, at the end of the year.

Note 2: TAI and Mean PAI does not include phase-in/phase-out timeframes.

3.1. NOTIONAL T-38C/T-38A PHASE-IN/OUT TIMELINE FOR SHEPPARD AFB.

	T-38A to Mod Line	AT-38B to Mod Line	T-38C Delivery (per year/total)	Renegeneration T-38A Delivery (per year/total of all T-38)
FY 06, 1 st Qtr	5/92	0/25	7/7	10/102
FY 06, 2 nd Qtr	11/81	0/25	17/24	10/101
FY 06, 3 rd Qtr	15/66	0/25	16/40	10/96
FY 06, 4 th Qtr	16/50	0/25	16/56	9/89
FY 07, 1 st Qtr	19/31	0/25	16/72	0/70
FY 07, 2 nd Qtr	10/21	10/15	19/91	0/60
FY 07, 3 rd Qtr	10/11	10/5	20/111	0/50
FY 07, 4 th Qtr	11/0	5/0	20/131	0/39
FY 08, 1 st Qtr	0/0	0/0	9/140	0/39

39 T-38 regeneration aircraft will transfer to Sheppard while their aircraft are being modified to T-38C aircraft. The number of aircraft transferred in will allow the UTE to be maintained. The total numbers in the regeneration column is the total for that period of the T-38/AT-38 aircraft departing for modification plus the T-38C arriving plus regeneration aircraft. The final decision on the disposition of the 39 T-38A regeneration aircraft will be made in FY04. The charts below are the estimated flying hours by quarter during the departure and delivery period. Because of the dynamics involved in both the flying hour programs and the assignment of all types of T-38 aircraft to Sheppard, i.e., TAI fluctuations (particularly to support future modification and upgrade program pipelines may or may not flow according to schedule) there may not be a correlation between UTE, flying hours and number of aircraft. Remember these are just notional schedules.

T-38A Aircraft

	FY06/ 1	FY06/ 2	FY06/ 3	FY06/ 4	FY07/ 1	FY07/ 2	FY07/ 3	FY07/ 4	FY08/ 1	FY08/ 2	FY08/ 3	FY08/ 4
ASD	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
UTE	35	35	35	35	35	35	35	35	35	35	35	35
TAI	102	101	96	89	70	60	50	39	39	39	39	39
PAI	83	83	78	71	42	30	22	13	0	0	0	0
Fly Hrs	10,061	10,061	9,452	8,599	5,175	3,714	2,739	1,643	1,198	0	0	0

T-38C Aircraft (ENJJPT)

	FY06/ 1	FY06/ 2	FY06/ 3	FY06/ 4	FY07/ 1	FY07/ 2	FY07/ 3	FY07/ 4	FY08/ 1	FY08/ 2	FY08/ 3	FY08/ 4
ASD	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
UTE	35	35	35	35	35	35	35	35	35	35	35	35
TAI	7	24	40	56	64	81	93	106	115	115	115	115
PAI	0	0	5	12	41	53	61	70	80	80	80	80
Fly Hrs	50	133	609	1,462	5,025	6,487	7,461	8,558	9,780	9,780	9,780	9,780

AT-38B Aircraft

	FY06/ 1	FY06/ 2	FY06/ 3	FY06/ 4	FY07/ 1	FY07/ 2	FY07/ 3	FY07/ 4	FY08/ 1	FY08/ 2	FY08/ 3	FY08/ 4
ASD	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
UTE	26	26	26	26	26	26	26	26	26	26	26	26
TAI	25	25	25	25	25	15	5	0	0	0	0	0
PAI	20	20	20	20	20	12	6	0	0	0	0	0
Fly Hrs	1,482	1,482	1,482	1,482	1,445	852	408	0	0	0	0	0

T-38C Aircraft (IFF)

	FY06/ 1	FY06/ 2	FY06/ 3	FY06/ 4	FY07/ 1	FY07/ 2	FY07/ 3	FY07/ 4	FY08/ 1	FY08/ 2	FY08/ 3	FY08/ 4
ASD	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
UTE	26	26	26	26	26	26	26	26	26	26	26	26
TAI	0	0	0	0	8	10	18	25	25	25	25	25
PAI	0	0	0	0	0	8	14	20	20	20	20	20
Fly Hrs	0	0	0	0	578	593	1,037	1,482	1,482	1,482	1,482	1,482

3.2. NOTIONAL T-6A/T-37 PHASE-IN/OUT TIMELINE FOR SHEPPARD AFB.

	T-37 Depart (per year/total)	T-6 Delivery (per year/total)
FY 08, 1 st Qtr	12/85	0/0
FY 08, 2 nd Qtr	12/73	0/0
FY 08, 3 rd Qtr	12/61	16/16
FY 08, 4 th Qtr	11/50	12/28
FY 09, 1 st Qtr	13/37	9/37
FY 09, 2 nd Qtr	12/25	11/48
FY 09, 3 rd Qtr	13/12	12/60
FY 09, 4 th Qtr	12/0	2/62

The charts below are the estimated flying hours by quarter during the departure and delivery period. Remember these are just notional schedules.

T-37 Aircraft

	FY08/1	FY08/2	FY08/3	FY08/4	FY09/1	FY09/2	FY09/3	FY09/4
ASD	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
UTE	36	36	36	36	36	36	36	36
TAI	97	85	73	61	50	37	25	12
PAI	76	76	67	54	47	35	24	12

Fly Hrs	10,506	10,506	9,203	7,439	6,497	4,838	3,318	1,659
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T-6 Aircraft

	FY08/1	FY08/2	FY08/3	FY08/4	FY09/1	FY09/2	FY09/3	FY09/4
ASD	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
UTE	40	40	40	40	40	40	40	40
TAI	0	0	16	28	37	48	60	62
PAI	0	0	16	28	36	46	57	59
Fly Hrs	0	0	2,650	4,637	5,962	7,618	9,439	9,770

3.3. TOTAL AIRCRAFT INVENTORY (Does not include Phase-in/Phase-out time frames):

	CONTRACT AWARD	OPERATIONAL PERIOD BASELINE	PARAMETER	CURRENT TAI
3.3.1. T-37 Aircraft:			(+/- 5%)	
FY 02	97			
FY 03	97			
FY 04	97			
FY 05	97			
FY 06	97			
FY 07	97			
FY 08	97			
FY 09	50			
3.3.2. T-38A Aircraft:			(+/- 5%)	
FY 02	97			
FY 03	97			
FY 04	97			
FY 05	97			
FY 06	89			
FY 07	39			
FY 08	39			
FY 09	39			
3.3.3. AT-38B Aircraft:			(+/- 10%)	
FY 02	25			
FY 03	25			
FY 04	25			

	CONTRACT AWARD	OPERATIONAL PERIOD BASELINE	PARAMETER	CURRENT TAI
FY 05	25			
FY 06	25			
FY 07	25			
FY 08	0			
3.3.4. T-38C Aircraft:				
			(+/- 5%)	
FY 06	56			
FY 07	131			
FY 08	131			
FY 09	140			
3.3.5. T-6A Aircraft:			(+/- 7%)	
FY 08	28			
FY 09	62			

4. MISCELLANEOUS WORKLOAD DATA. Estimated annual man-hours (M/H) expenditures and/or number and type (unless otherwise listed) of equipment maintained not included in the man-hour per flying hour calculations.

	<u>Item</u>	<u>M/H</u>	<u>Notes</u>
a.	AGE (634 pieces)	15,075 per year	Note 1
b.	Stenciling names on canopies and pods	650 per year	
c.	Analytical Condition Inspection (ACI)	582 per year	
d.	Survival Shop	13,200 per year	Note 2
	Personal parachutes - 1430 / Yr		
	Life rafts – 24 / Yr		
	Life preservers - 50 / Yr		
	Flight apparel sewing – 150 / Week (approx.)		
	T-38 Hail covers make/support – 40 / Yr		
	Drogue Chutes – 246 / Yr		
e.	Transient Aircraft Workload	See part 9	
f.	Vehicular UHF radios (6 Units)	12 per year	
g.	Historical Data Reporting	16 per year	
h.	FOD prevention	2668 per year	

i.	Hazardous Waste/Distillation Unit Management	3384 per year	
j.	Government Property Inventories	850 per year	
k.	Special Events/Exercises Support	600 per year	
l.	Aircraft Hush House, Sound Suppressors, Trim Pads, and Engine Test Cells	4403 per year	
m.	Maintenance and repairs unscheduled (107 request)	919 per year	
n.	Repair (birdstrike, hail damage, etc.)	390 per year	
o.	Aircraft Crash/Damage repairs	500 per year	
p.	Maintain -21 equipment	800 per year	
q.	Physiological chamber workload data	15 per year	
r.	Additive aircraft transfer inspection requirements for T-37 aircraft including -21 equipment and other related support equipment disposition, due/overdue special inspection and time change requirements, all documentation, reporting, data entry, and/(or) records maintenance requirements	26 per aircraft	
s.	Additive aircraft acceptance and transfer inspection requirements for T-38A aircraft including -21 equipment and other related support equipment disposition, due/overdue special inspection and time change requirements, all documentation, reporting, data entry, and/(or) records maintenance requirements for initial bed down	25 per aircraft	
t.	Additive aircraft transfer inspection requirements for AT-38B aircraft including -21 equipment, AME and other related support equipment disposition, due/overdue special inspection and time change requirements, all documentation, reporting, data entry, and/(or) records maintenance requirements	28 per aircraft	
u.	Additive aircraft acceptance and transfer inspection requirements for T-38C aircraft include due/overdue special inspection and time change requirements, all documentation, reporting, data entry, and (or) records maintenance requirements for initial bed down	50 per aircraft	
v.	Additive aircraft acceptance and transfer inspection requirements for T-6A aircraft include weight and balance, all documentation, reporting, data entry, and/or records maintenance requirements for initial bed down.	50 per aircraft	
w.	Touch-up paint to include tail flash and unpainted/damage noted during queen bee return acceptance.	700 per year	
x.	NDI Support of the 82 nd TW	450 per year	
y.	Additional Time Compliance Technical Orders/one-time	2940 per year	

SHEPPARD AFB AIRCRAFT MAINTENANCE

	inspection requirements due to introduction of two new mission design series aircraft		
z.	Requisition and install T-6 mooring chains IAW applicable technical data. Estimate 0.5 M/H per parking spot, 60 spots (per the parking plan).	30 per T-6 fleet	
aa.	Estimated number of engine shipments per year to Laughlin AFB (ERRC) for J69/J85 non-retained tasks such as JEIM, HPOs and PEs: FY02: 413 FY03: 411 FY04: 411 FY05: 416 FY06: 427 FY07: 430 FY08: 420 FY09: 389	1,488 per year	
bb.	Trim Pad maintenance and inspection	440 per year	
cc.	Weapons SUU-20 and MA-4B Bomb Rack		
	SUU-20 BPO/180 day inspections	418 per year	
	MA-4B Bomb Rack 30 day inspections	135 per year	
	MA-4B Bomb Rack 180 day inspections	144 per year	
dd.	Plastic Media Blast (PMB):		
	T-37 Aircraft	13 per year	
	T-38/AT-38 Aircraft	15 per year	
ee.	Centralized Aircraft Support System (CASS)	60 hrs per week	

Note 1: Towbar at Frederick Municipal Airport, Oklahoma.

Note 2: Quantities may vary by number and type of aircraft assigned.

5. SPARE ENGINES.

Type	Authorized
J69	23
J85	35

Note: The number authorized does not reflect number available.

6. MAN HOUR PER FLYING HOUR.

6.1 ESTIMATED MAN HOUR PER FLYING HOUR

The estimated man hour per flying hour for the T-37, T-38 and AT-38B are listed in Appendices 3BA, 3BB and 3BC. Because workload data is historically underreported in CAMS the man hours listed in Appendices 3BA, 3BB and 3BC may be as much as 10% low. The man hour per flying hour for the T-38C is estimated to be 7.7 for ENJJPT and 8.2 for IFF (informational only due to the fact that there is no historical data for AUP).

6.2. ESTIMATED T-6 MAN-HOUR PER FLYING HOUR (informational only):**T-6A**

4.25 (at ORV)	(Note 1)
3.0 (at FOC)	(Note 2)
2.54 (per the manufacturer)	(Note 3)

Note 1: The Operational Readiness Verification (ORV) will consist of an intensive five month flying program at the specified utilization rate by a given number of aircraft which have accumulated the most flying hours (reference JPATS ORD II). ORV is scheduled for completion at Randolph AFB TX during FY00.

Note 2: Full Operational Capability (FOC) for each service is achieved when primary aircraft authorized (PAA), backup aircraft authorized (BAA), backup aircraft inventory-attribution reserve (BAI-AR), and all Ground Based Training System components and their operational and logistical support are in place (reference JPATS ORD II).

Note 3: This is the maximum man-hour per flying hour predicted by the manufacturer.

T-6 man-hour per flying hour prediction per the manufacturer's data is as follows:

Work Unit Code	Nomenclature	Total Failure Rate per 10⁶ Hours	Man-Hour per 10⁶ Hours
11000	Airframe	977.843	1083.00595
12000	Cockpit	1420.169	12776.6645
13000	Landing Gear System	61849.352	74113.2852
14000	Flight Control System	1146.662	3150.64796
17000	Crew Escape & Safety	3494.212	8756.54706
27000	Propulsion System	3337.0076	10417.0985
41000	Environmental System	4824.118	10395.6633
42000	DC Power	695.18	839.43922
44000	Lighting	6733.901	5493.70395
45000	Hydraulic System	139.492	1038.49161
46000	Fuel System	1040.97	4263.12604
47000	Oxygen System	366.6	630.39605
48000	Ice & Rain Protection	38.043	51.36235
49000	Fire Detection System	12.000	28.5
51000	Instrumentation	4816.962	6369.8426
56000	Guidance and Control System	1251.098	1269.42665
64000	Interphone Communication System	608.331	961.6368
66000	Flight Data Recorder	1432.3651	1909.84786
67000	Comm/Nav/IFF Systems	6962.432	4599.84535
	TOTALS	101,146.738	148,148.531

Mean Man-hours to Repair (MMTR) = Maintenance Man-hours (MMH) per 10^6 Hours/Failure Rate per 10^6 Hours

$$\text{MMTR} = 148148.531/101146.738 = 1.464689$$

Failure Rate per Hour x Maintenance Concept K factor = $0.148148531 \times 2 = \text{Lambda } (\lambda)$

$$0.202293475 \text{ Failures per Hour} = \lambda$$

$$\text{MTBF} = 1/\lambda = 1/0.202293475 = 4.94331316 \text{ Hours}$$

MTBM = Minor Maintenance Actions Factor x MTBF

$$\text{MTBM} = 0.4 \times 4.94331316 = 1.977325266$$

$$\text{Unscheduled MMH/FH} = \text{MMTR/MTBM}$$

$$\text{Unscheduled MMH/FH} = 1.464669/1.977325266$$

$$\text{Unscheduled MMH/FH} = 0.740742655$$

$$\text{Scheduled MMH/FH} = 1.7137 \quad (\text{Note 4})$$

$$\text{Total MMH/FH} = \text{Unscheduled MMH/FH} + \text{Scheduled MMH/FH}$$

$$\text{Total MMH/FH} = 0.74074 + 1.7137 = 2.454442655$$

Note 4: These times do not include the time required to gain access to the equipment to facilitate accomplishment. Factors (personnel and equipment shortages, lack of parts, adverse working conditions and qualifications of personnel) which will directly affect the length of time for any scheduled maintenance are not included, because such factors cannot be accurately predicted.

7. SHUTTLE BUS DIRECT MANHOUR EXPENDITURE.

7.1 Four dedicated bus drivers using at least two shuttle buses expend approximately 7,500 manhours per year.

7.2 Overtime expended is approximately 40 manhours per year.

8. INDIRECT MANHOUR EXPENDITURES.

<u>Workcenter</u>	<u>Estimated Annual Man Hours</u>
Maintenance Staff	12,400 man hours per year
Maintain 334 CTK's	14,920 man hours per year
Contractor purchases for aircraft parts and related supplies: average number of purchases per year and average number of hours per	1,956 man hours per year (1 hour per transaction)

SHEPPARD AFB AIRCRAFT MAINTENANCE

purchase to research, process, and receive property or service.

9. TRANSIENT AIRCRAFT ESTIMATED WORKLOAD DATA.

9.1. AVERAGE WEEKLY ESTIMATED PEAK WORKLOAD HOURS (%)

0001 - 0259	0% *
0300 - 0559	0% *
0600 - 0859	5%
0900 - 1159	20%
1200 - 1459	30%
1500 - 1759	20%
1800 - 2059	25%
2100 - 2400	0% *

* Airfield is normally closed during these hours.

9.2. PAST YEARS HISTORY OF TRANSIENT AIRCRAFT WORKLOAD DATA

TRANSIENT AIRCRAFT WORKLOAD DATA														
TRANSIENT ALERT ARRIVALS FOR THE PERIOD OF AUG 1999 TO JUL 2000														
Agency	Aircraft	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Total
AETC	T-1A	2	2	2	4	1	3	4	2	5	7	0	0	32
AETC	T-37B	6	4	2	2	8	1	12	3	6	1	4	6	55
AETC	T-38A	14	27	15	20	33	24	25	16	28	5	30	13	87
AETC	AT-38B	0	0	1	2	0	0	2	0	0	2	0	0	7
AETC	F-15	1	0	4	0	4	8	0	0	0	2	0	0	19
AETC	F-16	0	4	0	0	0	2	0	4	10	0	0	4	26
AETC	C-130	0	0	2	0	0	0	0	0	1	0	0	0	3
SAFB	T-37B	5	24	16	12	13	6	9	7	20	21	8	19	160
SAFB	T-38A	25	28	40	27	23	26	52	42	40	50	37	41	431
SAFB	AT-38B	2	3	12	8	3	10	10	4	3	6	4	3	68
ACC	T-38A	7	8	4	1	3	3	2	7	0	4	3	0	42
ACC	A-10A	1	7	6	3	1	2	1	7	3	5	11	1	48
ACC	E-2C	0	0	0	0	0	1	0	0	0	0	0	0	1
ACC	F-15	2	7	6	1	0	0	2	10	0	2	2	6	38

ACC	F-16	2	2	28	3	2	0	0	0	4	0	2	10	53
ACC	F-117	0	0	0	1	0	0	0	0	0	0	0	0	1
ACC	F-4F	0	0	3	0	0	0	0	1	0	0	0	0	4
ACC	MH-60	0	0	0	0	0	0	0	0	2	0	0	0	2
ACC	UH-1	0	0	0	0	0	0	0	0	1	0	0	0	1
ACC	MH-53	0	0	0	0	0	0	0	0	0	0	2	0	2
ACC	CH-53	0	0	0	0	0	0	0	0	0	0	2	0	2
ACC	B-52H	0	0	1	0	0	0	0	0	0	0	0	0	1
AFMC	F-15	0	0	0	0	1	0	0	0	0	0	0	1	2
AFMC	F-16	0	0	0	0	0	1	0	0	0	0	0	0	1
AFMC	T-38C	0	2	0	0	0	0	0	0	0	0	2	0	4
AMC	C-130	1	0	0	0	0	0	0	1	0	3	5	2	12
AMC	KC-10	0	0	0	0	0	0	0	0	1	0	1	0	2
AMC	KC-135	0	0	0	0	0	0	0	1	0	0	1	0	2
AMC	C-9	0	0	2	0	1	0	0	2	1	0	4	2	12
AMC	C-141	0	0	1	0	0	0	0	0	1	2	1	3	8
AMC	C-5	0	0	0	0	0	0	0	0	0	0	0	0	0
AMC	C-17	0	0	1	0	0	0	0	0	0	2	0	0	3
AMC	C-21	1	2	1	2	2	2	1	0	3	2	1	1	18
SOC	C-130H	0	0	0	0	0	0	1	0	1	0	0	0	2
SOC	CH-53	0	0	0	0	0	0	0	0	0	0	0	2	2
SOC	MH-60	0	1	0	0	0	0	0	0	0	0	0	0	1
AF RES	C-130	4	1	2	0	0	0	1	0	0	3	1	2	14
ANG	A-10A	0	0	3	0	1	0	0	8	1	0	3	1	17
ANG	C-130	0	0	0	1	2	2	1	0		0	0	4	10
ANG	C-141	0	0	1	0	0	0	0	0	0	0	0	0	1
ANG	F-15	0	0	0	0	0	0	0	0	1	0	0	4	5
ANG	F-16	2	2	1	6	4	0	13	5	3	10	3	0	49
ANG	CH-53	0	0	0	0	0	0	0	0	1	0	0	0	1
USAFE	F-16	0	0	0	0	0	4	0	0	0	0	0	4	8
USA	C-12	1	1	0	5	2	1	1	2	7	2	2	3	27
USA	C-23	0	0	0	0	2	0	1	0	2	0	2	1	8
USA	C-26	0	0	0	0	0	0	0	1	0	0	0	0	1
USA	UH-60	0	1	0	2	0	8	0	0	0	0	0	0	11
USA	CH-47	0	0	0	0	0	1	0	0	0	0	2	0	3
USA	AH-64	0	0	0	0	0	0	0	0	2	0	0	0	2
USA	OH-58	0	7	0	18	0	0	0	0	0	0	0	0	25
USA	UC-35	0	1	0	0	0	0	0	0	0	0	0	0	1
USN	T-2E	0	1	0	0	0	1	1	0	0	0	0	1	4
USN	T-34	15	1	0	7	1	4	1	0	3	1	1	1	35
USN	T-39	0	1	2	3	0	0	0	2	0	0	0	0	8
USN	T-44	0	1	2	0	1	2	0	0	0	0	1	0	7
USN	T-45	0	2	0	0	0	0	4	0	0	1	0	0	7
USN	F-5	0	0	0	0	1	0	0	1	0	0	0	0	2
USN	F-14	0	0	0	0	0	0	0	1	0	0	0	0	1
USN	F-18	0	1	1	1	0	0	2	1	0	0	3	0	9
USN	DC-9	0	1	0	0	0	1	0	0	1	1	0	0	4
USN	S-3B	0	0	0	0	0	0	0	0	2	0	0	0	2

SHEPPARD AFB AIRCRAFT MAINTENANCE

USN	CH-46	0	1	0	0	0	0	0	0	0	0	0	0	1
USMC	AH-1	0	0	0	0	0	0	0	0	0	0	11	0	11
USMC	C-130	0	0	0	0	0	0	2	1	0	0	6	0	9
USMC	CH-46	0	0	0	0	0	0	0	1	0	0	0	0	1
USMC	CH-53	0	1	0	0	0	0	0	0	2	0	0	0	3
USMC	EA-6B	0	1	0	0	0	0	0	0	0	0	1	0	2
USMC	F-14	0	0	0	0	0	0	0	0	0	2	2	0	4
USMC	F-18	0	1	2	0	0	0	0	0	1	0	1	2	7
USMC	T-34	0	0	0	0	0	0	0	0	0	2	0	0	2
USMC	T-44	0	0	0	0	0	0	0	0	0	1	0	0	1
USMC	T-45	0	0	0	1	0	0	0	0	0	0	0	0	1
USMC	UC-35	0	0	0	0	0	0	0	0	0	3	0	0	3
USMC	UH-1	0	0	0	1	0	0	0	0	0	0	6	0	7
USMC	V-22	0	0	0	0	0	0	2	0	0	0	0	0	2
NASA	T-38N	0	0	0	0	1	0	0	0	0	0	0	0	1
CIV	SW-4	0	1	1	1	1	1	0	2	1	1	1	1	11
CIV	Bell Ranger	0	1	0	1	0	3	3	1	0	0	0	1	10
CIV	C-21	0	0	1	0	0	0	0	0	0	0	0	0	1
CIV	C-441	0	0	0	0	0	0	0	0	0	1	0	0	1
CIV	C-172	0	5	5	0	0	0	0	0	0	0	0	0	10
CIV	C-182	1	0	0	0	1	0	1	0	1	0	0	0	4
CIV	Bell Hawk	0	0	0	0	0	1	1	0	0	0	1	0	3
CIV	F-86	0	1	0	0	0	0	0	0	0	0	0	0	1
CIV	MU-2	0	1	0	0	0	0	0	0	0	0	0	0	1
CIV	Pitts	0	0	4	0	0	0	0	0	0	0	0	0	4
CIV	Spearman	0	0	2	0	0	0	0	0	0	0	0	0	2
CIV	F-4U	0	0	2	0	0	0	0	0	0	0	0	0	2
GAF	A-310	0	1	1	0	1	1	0	0	0	0	2	1	7
GAF	Brequet	0	0	0	0	0	1	0	0	0	0	0	0	1
GAF	Tornado	2	0	0	0	0	0	0	0	0	0	0	0	2
GAF	PA-200	0	0	0	0	0	0	0	0	0	0	0	1	1
GAF	F-33	2	0	0	0	0	0	0	0	0	0	0	0	2
GAF	E-3A	0	0	1	0	0	0	0	0	0	0	0	0	1
GAF	C-160	0	0	1	0	0	0	0	0	0	0	0	0	1
Neth. AF	F-16	0	0	0	0	0	0	0	8	0	0	0	0	8
Nor. AF	C-130	0	0	0	0	0	0	0	2	0	0	0	0	2
Nor. AF	F-16	0	0	0	0	0	0	0	8	0	0	0	0	8
Ital. AF	B-707	0	0	0	0	0	1	0	1	0	0	0	0	2
Ital. AF	G-222	0	0	0	0	0	0	0	0	2	0	0	0	2
Belg. AF	AC-2	0	0	0	0	0	0	1	0	0	0	0	0	1
Belg. AF	AB-310	0	0	0	0	0	0	1	0	0	1	0	0	2
Belg. AF	C-130	0	0	0	0	0	0	0	0	2	0	0	0	2
Belg. AF	F-16	0	0	0	0	0	0	0	0	5	0	0	0	5
Can. AF	CT-114	0	0	2	0	0	0	0	2	0	0	0	0	4
Can. AF	F-18	0	0	0	0	1	0	0	6	2	0	0	0	9

SHEPPARD AFB AIRCRAFT MAINTENANCE

Port. AF	C-130	0	0	0	0	0	0	0	0	1	0	0	0	1
Port. AF	F-16	0	0	0	0	0	0	0	0	6	0	0	0	6
TRANSIENT AIRCRAFT WORKLOAD DATA														
IN FLIGHT EMERGENCIES (IFE), GROUND EMERGENCIES (GE), AND VIPs														
		Aug- 99	Sep- 99	Oct- 99	Nov- 99	Dec- 99	Jan- 00	Feb- 00	Mar- 00	Apr- 00	May- 00	Jun- 00	Jul-00	Total
	IFE/GE*	40	39	54	43	37	39	67	48	61	64	49	54	595
	VIP	3	2	3	4	1	1	1	2	8	2	2	0	29
	* ALL IFE/GE AIRCRAFT WERE ASSIGNED TO SHEPPARD AFB													

9.3. EMERGENCY SITUATION WORKLOAD

IFE/Precautionary response frequency –2 crash recovery and 3 wing Exercises Evaluation Team (WEET) Major Accident Response Exercise (MARE) per year. 600 hours

NOTE: Exercises are normally conducted during normal duty hours. Based on past history, the contractor has limited involvement in any type exercise that conflicts with normal operations.

9.4. ADDITIONAL WORKLOAD REQUIREMENTS

	Personnel	Days	Total Hours/Year
1. Open House	6	3	140
2. NATO Chiefs' Visit	6	2	75
3. Graduation			20 (Static displays)
4. Tours			96
5. Spouse Taxi Rides			80
6. Change of Command			235 (Hangar and aircraft prep)

9.5. NUMBER OF GERMAN AIR FORCE OWNED AIRCRAFT

T-38 40
T-37 35

10. OFF STATION SUPPORT

<u>MONTH- YR</u>	<u>ACFT</u>	<u>OWNER</u>	<u>DESTINATION</u>	<u>PEOPLE</u>	<u>DAYS</u>	<u>DURATION/HRS</u>
May-99	T-37	VANCE	ALLIANCE	1	1	7

SHEPPARD AFB AIRCRAFT MAINTENANCE

May-99	T-37	SHEPPARD	FREDERICK	1	1	3
May-99	T-37	VANCE	FT WORTH	2	1	16
May-99	T-37	SHEPPARD	FREDERICK	1	1	3
May-99	T-37	LAUGHLIN	LUBBOCK	2	1	24
May-99	T-38	SHEPPARD	NAVY FT WORTH	2	1	14
May-99	T-38	SHEPPARD	NAVY FT WORTH	2	1	14
May-99	T-38	RANDOLPH	ALLIANCE FT WORTH	3	3	24
May-99	T-38	RANDOLPH	SHEPPARD	1	2	1
Jun-99	T-37	SHEPPARD	HACKER FREDERICK	3	1	24
Jun-99	T-37	SHEPPARD	FREDERICK	2	1	10
Jun-99	T-37	SHEPPARD	FREDERICK	2	1	10
Jun-99	T-37	SHEPPARD	ABILENE	3	1	36
Jun-99	T-37	SHEPPARD	TINKER	1	1	8
Jun-99	T-37	SHEPPARD	FORT SILL	1	1	3
Jun-99	T-37	SHEPPARD	FREDERICK	4	1	48
Jun-99	T-37	SHEPPARD	TINKER	1	1	8
Jun-99	T-37	SHEPPARD	FREDERICK	2	2	12
Jun-99	T-37	SHEPPARD	DYESS	5	1	60
Jun-99	T-37	SHEPPARD	DYESS	2	3	24
Jun-99	T-37	VANCE	ALLIANCE	3	1	90
Jun-99	T-37	SHEPPARD	ABILENE	1	1	18
Jun-99	T-38	LAUGHLIN	ALTUS	1	2	7
Jun-99	T-38	SHEPPARD	AMARILLO	3	2	60
Jun-99	T-38	SHEPPARD	BARKSDALE	2	1	36
Jun-99	T-38	VANCE	FT WORTH NAVY	2	1	12
Jul-99	T-37	SHEPPARD	FREDERICK	1	1	4
Jul-99	T-37	SHEPPARD	FREDERICK	2	1	8
Jul-99	T-37	VANCE	ALLIANCE	2	1	12
Jul-99	T-37	VANCE	ALLIANCE	1	1	5
Jul-99	T-37	SHEPPARD	DYESS	2	1	24
Aug-99	T-37	SHEPPARD	HACKER FREDERICK	2	1	8
Aug-99	T-37	SHEPPARD	FREDERICK	2	1	16
Aug-99	T-37	SHEPPARD	ABILENE	3	1	36
Aug-99	T-37	SHEPPARD	FREDERICK	3	1	24
Aug-99	T-37	SHEPPARD	FREDERICK	2	1	8
Aug-99	T-37	SHEPPARD	FREDERICK	2	1	10
Aug-99	T-37	VANCE	FT WORTH ALL	3	1	30
Aug-99	T-37	VANCE	FT WORTH ALL	3	1	30

SHEPPARD AFB AIRCRAFT MAINTENANCE

Aug-99	T-37	VANCE	FT WORTH ALL	2	1	14
Aug-99	T-37	VANCE	FT WORTH ALL	3	1	36
Aug-99	T-37	LAUGHLIN	LUBBOCK MUN	2	1	18
Aug-99	T-37	SHEPPARD	FREDERICK	2	1	8
Aug-99	T-37	VANCE	ABILENE	1	1	12
Aug-99	T-37	VANCE	ALLIANCE	2	1	24
Aug-99	T-38	VANCE	BARKSDALE	3	2	54
Aug-99	T-38	LAUGHLIN	BARKSDALE	3	2	36
Aug-99	T-38	LAUGHLIN	NAS FT WORTH	2	1	16
Aug-99	T-38	LAUGHLIN	BARKSDALE	3	2	54
Aug-99	T-38	LAUGHLIN	BARKSDALE	2	2	30
Aug-99	T-38	SHEPPARD	NAS FT WORTH	3	1	22
Aug-99	T-38	RANDOLPH	NAS FT WORTH	1	1	6
Aug-99	T-38	LAUGHLIN	SHEPPARD	2	1	8
Aug-99	T-38	RANDOLPH	SHEPPARD	2	1	16
Aug-99	T-38	SHEPPARD	ALTUS	3	2	45
Aug-99	T-38	VANCE	DYESS	2	2	24
Aug-99	T-38	SHEPPARD	ALTUS	2	1	14
Aug-99	T-38	SHEPPARD	ALTUS	2	1	16
Aug-99	T-38	RANDOLPH	SHEPPARD	2	1	2
Aug-99	T-38	LAUGHLIN	SHEPPARD	2	1	8
Sep-99	T-37	SHEPPARD	DYESS	3	1	30
Sep-99	T-37	SHEPPARD	FREDERICK	1	1	4
Sep-99	T-37	SHEPPARD	FREDERICK	5	1	30
Sep-99	T-37	SHEPPARD	FREDERICK	2	1	8
Sep-99	T-37	VANCE	ALLIANCE	2	1	10
Sep-99	T-37	VANCE	ALLIANCE	2	1	10
Sep-99	T-37	LAUGHLIN	SHREVEPORT	2	1	10
Sep-99	T-38	LAUGHLIN	SHEPPARD	2	1	2
Sep-99	T-38	SHEPPARD	BARKSDALE	2	2	14
Sep-99	T-38	VANCE	DYESS	2	2	48
Sep-99	T-38	VANCE	BARKSDALE	4	2	88
Sep-99	T-38	BEALE	SHEPPARD	3	1	12
Sep-99	T-38	VANCE	SHEPPARD	1	1	2
Oct-99	T-37	SHEPPARD	LAWTON MUN	2	2	20
Oct-99	T-37	SHEPPARD	LAWTON	2	1	6
Oct-99	T-37	SHEPPARD	LAWTON	2	1	8
Oct-99	T-37	SHEPPARD	SCOTT AFB	2		not available
Oct-99	T-37	SHEPPARD	AMARILLO	2	2	32
Oct-99	T-37	SHEPPARD	FREDERICK	2	2	20
Oct-99	T-37	SHEPPARD	FREDERICK	2	1	8

SHEPPARD AFB AIRCRAFT MAINTENANCE

Oct-99	T-37	SHEPPARD	FREDERICK	2	1	20
Oct-99	T-37	SHEPPARD	FREDERICK	2	1	8
Oct-99	T-38	SHEPPARD	DYESS	1	1	12
Oct-99	T-38	VANCE	ALTUS	2	1	14
Oct-99	T-38	SHEPPARD	LUBBOCK	3	2	21
Oct-99	T-38	SHEPPARD	AMARILLO	2	2	20
Oct-99	T-38	LAUGHLIN	ALLIANCE	1	1	6
Oct-99	T-38	LAUGHLIN	ALLIANCE	1	1	6
Nov-99	T-37	VANCE	ALLIANCE	2	1	10
Nov-99	T-37	SHEPPARD	AMARILLO	3	2	42
Nov-99	T-37	SHEPPARD	TINKER	2	1	16
Nov-99	T-37	SHEPPARD	ARDMORE	2	2	20
Nov-99	T-38	RANDOLPH	MIDLAND	2	2	48
Nov-99	T-38	SHEPPARD	AMARILLO	2	2	30
Nov-99	T-38	LAUGHLIN	MIDLAND	2	2	40
Nov-99	T-38	LAUGHLIN	MIDLAND	2	2	48
Dec-99	T-37	SHEPPARD	FREDERICK	5	1	35
Dec-99	T-37	SHEPPARD	ARDMORE	2		not available
Dec-99	T-37	SHEPPARD	ARDMORE	2	1	8
Dec-99	T-37	SHEPPARD	ARDMORE	2	1	8
Dec-99	T-37	SHEPPARD	FREDERICK	2	1	8
Dec-99	T-37	SHEPPARD	HACKER	1	1	3
Dec-99	T-37	SHEPPARD	FREDERICK	2	1	8
Dec-99	T-37	SHEPPARD	ARDMORE	2	1	10
Dec-99	T-37	SHEPPARD	ARDMORE	2	1	10
Dec-99	T-37	SHEPPARD	FREDERICK	2	1	8
Dec-99	T-37	SHEPPARD	TINKER	2	1	14
Dec-99	T-37	SHEPPARD	FREDERICK	3	1	15
Dec-99	T-37	SHEPPARD	FREDERICK	2	1	8
Dec-99	T-37	SHEPPARD	FREDERICK	2	1	8
Dec-99	T-38	SHEPPARD	AMARILLO	2	2	32
Dec-99	T-38	SHEPPARD	MIDLAND	2	2	36
Dec-99	T-38	RANDOLPH	SHEPPARD	2	1	6
Jan-00	T-37	SHEPPARD	FREDERICK	2	1	14
Jan-00	T-37	VANCE	ALLIANCE	2	1	10
Jan-00	T-37	SHEPPARD	FREDERICK	3	1	24
Jan-00	T-37	SHEPPARD	FREDERICK	2	1	8
Jan-00	T-37	SHEPPARD	FREDERICK	3	1	24
Jan-00	T-37	SHEPPARD	FREDERICK	2	1	8
Jan-00	T-37	SHEPPARD	FREDERICK	2	1	8
Jan-00	T-37	SHEPPARD	HACKER	2	1	14

SHEPPARD AFB AIRCRAFT MAINTENANCE

Jan-00	T-37	SHEPPARD	FREDERICK	2	1	8
Jan-00	T-38	SHEPPARD	BARKSDALE	2	2	32
Jan-00	T-38	LAUGHLIN	AMARILLO	4	2	76
Jan-00	T-38	LAUGHLIN	SHEPPARD	2	1	3
Jan-00	T-38	SHEPPARD	FT WORTH	2	1	22
Feb-00	T-37	SHEPPARD	LAWTON	1	1	5
Feb-00	T-38	LAUGHLIN	SHEPPARD	1	1	2
Feb-00	T-38	SHEPPARD	BARKSDALE	2	2	44
Feb-00	T-38	SHEPPARD	BARKSDALE	2	2	48
Feb-00	AT-38	COLUMBUS	SHEPPARD	2	1	3
Mar-00	T-37	SHEPPARD	EDWARDS	2		not available
Mar-00	T-37	LAUGHLIN	SHEPPARD	1	1	2
Mar-00	T-37	SHEPPARD	AMARILLO	2	1	24
Mar-00	T-37	VANCE	ALLIANCE	2	1	12
Mar-00	T-37	VANCE	ALLIANCE	2	1	16
Mar-00	T-37	SHEPPARD	HACKER	2	1	10
Mar-00	T-37	SHEPPARD	LAWTON	2	1	8
Mar-00	T-37	SHEPPARD	LAWTON	3	1	18
Mar-00	T-37	SHEPPARD	FREDERICK	2	1	8
Mar-00	T-37	SHEPPARD	LAWTON	2	1	8
Mar-00	T-37	SHEPPARD	FREDERICK	2	1	12
Mar-00	T-37	SHEPPARD	FREDERICK	2	1	8
Mar-00	T-37	SHEPPARD	FREDERICK	2	1	8
Mar-00	T-37	SHEPPARD	FREDERICK	2	1	8
Mar-00	T-38	LAUGHLIN	SHEPPARD	2	5	16
Mar-00	T-38	SHEPPARD	ROBERT GRAY	2	1	24
Mar-00	T-38	SHEPPARD	ROBERT GRAY	2	1	24
Mar-00	T-38	VANCE	DYESS	2	1	22
Mar-00	T-38	SHEPPARD	ALTUS	2	1	18
Apr-00	T-37	SHEPPARD	FREDERICK	2	1	8
Apr-00	T-37	VANCE	NAVY	3	1	33
Apr-00	T-37	VANCE	NAVY	2	1	10
Apr-00	T-37	SHEPPARD	HACKER	1	1	3
Apr-00	T-37	SHEPPARD	DYESS	2	1	18
Apr-00	T-37	SHEPPARD	LAWTON MUN	5	1	35
Apr-00	T-37	SHEPPARD	LAWTON MUN	2	1	8
Apr-00	T-37	SHEPPARD	AMARILLO INT'L	2	1	24
Apr-00	T-38	RANDOLPH	BARKSDALE	2	2	34
Apr-00	T-38	SHEPPARD	LUBBOCK	2	2	38
Apr-00	T-38	SHEPPARD	AMARILLO	2	2	38
Apr-00	T-38	LAUGHLIN	SHEPPARD	2	1	8

SHEPPARD AFB AIRCRAFT MAINTENANCE

Apr-00	T-38	VANCE	LUBBOCK	2	2	30
May-00	T-37	SHEPPARD	ALTUS	1	1	7
May-00	T-37	SHEPPARD	FREDERICK	2	1	12
May-00	T-37	SHEPPARD	FREDERICK	2	1	16
May-00	T-37	SHEPPARD	HACKER	5	1	35
May-00	T-37	SHEPPARD	AMARILLO	3	2	51
May-00	T-37	SHEPPARD	ALLIANCE	5	1	36
May-00	T-37	VANCE	ABILENE REG	3	2	45
May-00	T-37	SHEPPARD	FREDERICK	2	1	8
May-00	T-37	SHEPPARD	FREDERICK	2	1	8
May-00	T-37	SHEPPARD	HACKER	5	1	35
May-00	T-37	SHEPPARD	FREDERICK	2	1	8
May-00	T-37	LAUGHLIN	AMARILLO	1	1	10
May-00	T-37	LAUGHLIN	AMARILLO	1	1	10
May-00	T-37	VANCE	FT WORTH ALLIANCE	3	1	18
May-00	T-37	SHEPPARD	FREDERICK	4	1	32
May-00	T-37	SHEPPARD	FREDERICK	3	1	24
May-00	T-37	VANCE	FT WORTH ALLIANCE	2	1	16
May-00	T-37	VANCE	FT WORTH ALLIANCE	2	1	16
May-00	T-37	VANCE	FT WORTH ALLIANCE	2	1	16
May-00	T-37	SHEPPARD	FREDERICK	2	1	12
May-00	T-37	SHEPPARD	FREDERICK	1	1	3
May-00	T-37	SHEPPARD	FREDERICK	1	1	4
May-00	T-37	SHEPPARD	OLNEY	4	1	21
May-00	T-37	SHEPPARD	OLNEY	2	1	8
May-00	T-37	SHEPPARD	ARDMORE	1	1	5
May-00	T-38	SHEPPARD	DYESS	3	2	45
May-00	T-38	RANDOLPH	DYESS	4	2	80
May-00	T-38	RANDOLPH	DYESS	1	2	80
May-00	T-38	SHEPPARD	DYESS	2	1	24
May-00	T-38	SHEPPARD	AMARILLO	2	2	32
May-00	T-38	SHEPPARD	AMARILLO	3	2	54
May-00	T-38	SHEPPARD	AMARILLO	2	2	32
May-00	T-38	SHEPPARD	LUBBOCK	2	2	32
May-00	T-38	SHEPPARD	LUBBOCK	2	3	72
May-00	T-38	SHEPPARD	LUBBOCK	1	1	11

SHEPPARD AFB AIRCRAFT MAINTENANCE

11. FLYING HOUR PROGRAM WORKLOAD DATA BY FISCAL YEAR

Specifics concerning past and present historical workload data for the T-37 and T-38 aircraft at Sheppard AFB is listed in AETC Aircraft Maintenance Summaries. The designator or abbreviation for Sheppard is SPD. These summaries are available on-line at:

<http://www.aetc.randolph.af.mil/lg/lgm/limited/index.htm>

This is a limited area. To gain access to this area, please call DSN 487-3088 or commercial (210)652-3088 for a User ID/Password.

12. ESTIMATED ANNUAL TOOL REPLACEMENT COST

Annual tool costs are approximately \$25,000.

13. EXAMPLE OF FIRST TAKEOFF AND LAST LANDING FOR EACH MDS.

	T-37	T-38	AT-38
JAN	0730-1915	0730-2000	0800-1730
FEB	0715-1730	0715-1830	0800-1715
MAR	0700-1930	0715-1900	0800-1700
APR	0730-1915	0730-1900	0730-1600
MAY	0700-1900	0700-1900	0730-1630
JUN	0645-1930	0615-2045	0745-1630
JUL	0730-2030	0700-2030	0730-1630
AUG	0700-2000	0700-2000	0730-1630
SEP	0800-1930	0800-1900	0800-1700
OCT	0715-1945	0715-2015	0800-1700
NOV	0645-1900	0715-1845	0745-1630
DEC	0715-1815	0715-1730	0800-1630

These times are examples of FY00 and must not be considered absolute. Factors such as the number of students, instructor availability, student timeline, and weather are all variables which will affect the flying day. During the winter months, the daylight window is the limiting factor (normal operations is from 15 minutes before sunrise to 15 minutes after sunset). During the summer months, the daylight window is not a limiting factor, so the total number of sorties requested will drive the flying day.

Note: There will be 2 weeks of night flying over 6 weeks (16 weeks total for the year). The flying days will be longer than normal during these periods (see below):

T-37	T-38
0900-2330	0900-0300
N/A	0730-2330

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

WUC	NOUN	Total MMH
1000	GROUND HANDLING, SER	0.5
3000	LOOK PHASE OF SCHEDU	12.3
3100	PREFLIGHT INSPECTION	15.5
3200	THRU-FLIGHT INSPECTI	16.0
3210	BASIC POSTFIGHT (END	52.4
3215	COMBINED PREFLIGHT/P	0.0
3300	HOURLY POSTFLIGHT IN	1,725.9
3400	PERIODIC INSPECTION	11,310.5
4000	LOOK PHASE OF SPECIA	0.0
4112	ACCEPTANCE INSPECTIO	32.5
4114	EXCESSIVE 'G' LOAD I	38.8
4118	COMPASS SWING	7.2
4119	OIL/FUEL TANK SUMPS	4.0
0411B	NDI ACCOMPLISHED SEP	1.0
0411D	OIL SAMPLING FOR SPE	248.6
0411H	FUEL COMPONENTS CONT	2.1
0411K	AIRCRAFT GROUND RECE	81.3
0412A	EJECTION SEAT OR EME	0.0
4121	HARD LANDING	28.8
4122	LANDING GEAR RETRACT	767.6
4123	WHEEL/BRAKE INSPECTI	45.6
4125	OXYGEN REGULATOR CHE	75.8
4128	FIRE CONTROL AND AWC	0.9
0412A	EJECTION SEAT OR EME	389.0
4131	ENGINE CHANGE INSPEC	12.0
4132	HOT START OR OVERSPE	8.0
4139	ENGINE TRIM	458.0
0413B	ENGINE HOT SECTION I	42.6
0413C	ENGINE AIR INLET INS	781.8
0413J	EXHAUST GAS TEMPERAT	240.8
0413P	ENGINE STALL/FLAMEOU	19.1
4142	ENGINE BAY INSPECTIO	566.3
4143	AIR CONDITIONING SYS	64.2

3BA-1
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

4150	WEIGHT AND BALANCE (104.0
4180	CHECKS REQUIRING SPE	12.2
4187	QUANTITY INDICATING	43.0
0418B	OVERHEAT AND FIRE WA	238.8
4199	SPECIAL INSPECTIONS	3,915.2
4210	FUNCTIONAL CHECK FLI	24.2
4220	QUALITY ASSURANCE IN	39.1
4230	ALIGNMENT AND SYMMET	5.4
4311	STRUCTURAL SPECIAL I	18.8
4331	LANDING GEAR SPECIAL	433.1
4610	NON-DESTRUCTIVE TEST	14.0
4611	EDDY CURRENT PROCESS	0.0
4613	X-RAY PROCESS METHOD	68.6
9000	SHOP SUPPORT GENERAL	3,179.5
11000	AIRFRAME	4,540.0
11100	WINDSHIELD & CANOPY	81.2
11110	WINDSHIELD	127.3
1111A	PANEL-WINDSH LH	481.7
1111B	PANEL-WINDSH RH	381.7
1111C	RETAINER-FWD LH	30.3
1111D	RETAINER-FWD RH	4.8
1111E	RETAINER-CEN LH	42.0
1111F	RETAINER-CEN RH	4.0
1111G	RETAINER-AFT LH	38.3
1111H	RETAINER-AFT RH	12.5
11120	CANOPY JET (GP 1)	37.9
11121	CANOPY ASSEMBLY	152.8
11122	CANOPY FRAME	40.3
11123	CANOPY RETAINER	25.3
11124	ACTUATOR	474.2
11125	CANOPY HINGE ARM	1.0
11126	CANOPY LINKAGE	0.0
11127	CANOPY LATCH ASSY	18.0
11128	CANOPY HOOK	18.7
1112A	SEAL	93.7
1112B	PANEL-CANOPY LH	147.0
1112C	PANEL-CANOPY RH	165.0

3BA-2
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

11130	CANOPY JET (GP 2)	9.3
11131	DOWNLOCK ROLLER	35.0
11135	CANOPY HANDLE	4.5
11136	CANOPY DECLTH HANDL	8.0
11138	DECLUTCH CABLE ASSY	16.7
11140	CANOPY JET (ELECT)	16.4
11141	CANOPY LIMIT SWITCH	0.0
11142	CANOPY MOTOR	2.0
11143	CANOPY NOT LOCK SW	48.6
11144	CANOPY EXTERNAL SW	10.0
11145	CANOPY INTERNAL SW	23.0
11146	EMERGENCY SWITCH	11.5
11147	WIRING	1.0
11199	NOC	169.5
11200	DOORS MECH	2.0
11210	NOSE GEAR	8.0
11211	NOSE GEAR DOOR ASSY	14.1
11212	N LDG DOOR STRUCT	8.2
11213	N LDG DOOR HINGE	7.0
11215	N LDG DR MECH LINK	1.2
11220	MAIN GEAR (DOOR)	14.0
11221	M LDG DOOR ASSY IN	83.5
11222	M LDG DOOR STRUCT	65.8
11223	M LDG DOOR HINGE	109.0
11224	M LDG DR UPLOCK ROL	8.3
11227	BUNGEE	151.8
11228	M LDG DR MECH LINK	8.2
1122A	M LDG DOOR ASSY OUT	228.0
1122B	ACTUATOR ARM INBD	25.0
11299	NOC	65.3
11300	WINGS AND NACELLES	18.7
11310	WINGS	174.4
11311	WING ASSEMBLY	65.7
11312	WING STRUCTURE	66.5
11313	WING LEADING EDGE	912.9
11314	WING ACCESS PLATE	202.9
11315	WING TIP	224.4

3BA-3
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

11316	WING ATHMTS BOLTS	20.0
11317	WING SKIN	1,264.2
11318	HINGE BEARINGS	67.8
1131A	REAR SPAR LINK BOLT	0.0
1131B	BLTS AND STRP L EDG	1.7
1131C	STRAP LDG EDGE	84.2
1131D	FRONT SPAR	1.1
1131H	REFLECTOR NAV LITE	3.7
1131F	RIBS	33.0
1131J	GND RECEPTACLE	10.2
11320	NACELLES	2,280.4
11321	NACELLE	121.0
11322	NACELLE STRUCTURE	196.9
11323	NAC ACCESS PLATE	456.0
11324	NACELLE CAP ASSY	5.8
11325	NACELLE HINGE	5.6
11326	FIREWALL	76.5
11327	FIRESEAL	16.0
11328	NAC LOUVER MULTIPLE	32.0
1132A	ACCESS PNL LWR FWD	613.2
1132B	SEAL INLET DUCT	260.6
1132C	NACELLE SKIN	332.5
1132E	FIRE WARNING CLAMPS	125.0
1132F	ACCESS PNL LWR AFT	1,626.7
1132G	FIBERGLASS, INTAKE	112.4
1132H	DUCT, AIR INTAKE	87.6
1132J	ACCESS PANEL UP ENG	713.9
1132L	SPAR, FUS CRY THRUF	0.5
1132M	SPAR, FUS CRY THRUR	1.0
11399	NOC	365.2
11400	EMPENNAGE	20.8
11410	VERTICAL STABLIZER	102.9
11411	VERT STAB ASSEMBLY	0.4
11412	SPAR	6.0
11413	VERT STAB SKIN	27.9
11414	RIBS	15.5
11415	VERT STAB TIP	23.5

3BA-4
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

11416	VERT STAB ACC PLATE	21.0
11417	VERT STAB FAIRING	69.3
11418	HINGE BEARINGS	1.0
1141A	STRINGERS	5.3
11420	HORIZ STABILIZER	74.0
11421	HORIZ STAB ASSEMBLY	19.7
11423	HORIZ STAB AC PLATE	13.0
11424	HORIZ STAB FAIRING	3.0
11426	RIBS	3.0
11427	HORTZ STAB SKIN	83.1
1142A	STRINGERS	0.3
11499	NOC	13.7
11500	FUSELAGE	31.8
11510	FORWARD SECT	92.3
11511	BATTERY RACK	34.0
11512	FUS FWD SKIN	391.6
11513	FUS FWD ACC PLATES	1,069.3
11514	FUS FWD FAIRING	15.1
11515	COMPRESSION LINK	24.0
11516	STRAKE STRIP	10.8
11517	NOSE CAP	109.0
11518	STEP	14.2
1151A	NOSE COMPT DOORS	129.8
1151B	NOSE DOOR LATCHES	33.1
1151C	NOSE CAP LENS	8.0
1151D	NOSE DOOR SEAL	14.0
1151E	BULKHEADS	16.0
1151F	FORMERS	86.7
1151G	LONGERONS	23.3
1151H	FUEL STRAINER DOOR	69.9
1151J	EQUIP RACK	12.0
11520	AFT SECTION	29.8
11521	BULKHEADS	54.6
11522	FUS AFT SKIN	191.9
11523	FUS AFT ACC PLATES	660.3
11524	FUS AFT FAIRING	45.0
11526	STINGER	231.9

3BA-5
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

11527	TIP (STINGER)	27.0
11528	TAIL SKID	37.9
1152A	LONGERONS	10.3
1152B	VERTICAL FIN	108.9
1152C	CLAMP OXY BOTTLE	0.0
1152D	BRACKET (OXBC)	33.5
1152E	SHIELD (OXY BOT)	6.5
11599	NOC	216.0
11620	THROTTLE CONTROLS	784.4
11621	QUADRANT	887.2
11622	THROTTLE CNTRL LEV	25.5
11623	LINKAGE	120.9
11624	BELLCRANK	24.0
11625	PUSH ROD	16.5
11627	CABLE ASSY (CNTREX)	10.7
11628	CABLE CNTRLX RH	14.8
1162A	TORQUE TUBE PWR CNT	48.0
11630	ELECT COMP	0.5
11631	LIMIT SWITCH (TA)	14.1
11632	THROTTLE SWITCH-GW	17.2
11633	CONTROL SWITCH SB	16.9
11699	NOC	83.6
12000	FUSELAGE COMPTS	214.8
12100	GENERAL	22.2
12110	SEAT (GROUP)	8.0
12111	PILOT SEAT	696.5
12112	CO-PILOTS SEAT	632.0
12113	SEAT INSTALLATION	4.0
12114	LEG GUARD	286.0
12115	SAFETY BELT	312.7
12116	HEAD REST	10.0
12117	SEAT CUSHION	49.4
12118	SEAT PAN	150.0
1211A	LEG REST PAD	16.0
1211B	RAIL	146.0
1211C	CABLE ASSY	4.5
1211D	SHAFT	215.6

3BA-6
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

12120	SEAT (GROUP)	4.2
12125	INERTIA REEL	14.5
12126	SHOULDER HARNESS	90.6
12127	QUICK DISCON CABLE	14.6
12128	QUICK DISC BAL HOSE	2.5
12130	FURNISHINGS	4.1
12131	UPHOLSTERY	297.0
12132	FUME BOOTS	186.3
12134	INSTRUMENT PANEL	20.0
12136	REAR VIEW MIRROR	7.0
12138	GLARE SHIELD	52.3
1213A	GUST LOCK	5.5
1213B	FLOOR PANELS	78.8
1213C	FLOOR COVERING	308.7
1213D	SCUFF PLATE	23.7
12199	NOC	241.7
13000	LANDING GEAR	619.8
13100	MAIN GEAR	245.0
13110	MECH COMP (GP 1)	4.8
13111	MAIN GEAR ASSEMBLY	94.0
13112	MAIN STRUT ASSEMBLY	650.7
13113	M LDG TORQUE LINK	34.0
13114	M LDG SIDE BRACE	16.6
13115	M LDG RETRACT ARM	69.0
13117	M LDG BUNGEE	193.9
13118	M LDG TORQUE TUBE	2.0
13120	MECH COMP (GP 2)	23.3
13121	M LDG TRUNNION	256.0
13122	M LDG STRAP	106.8
13123	M LDG SUPPORT	45.0
13125	UNLOCK MECHANISM	549.5
13126	DOWNLOCK MECHANISM	619.5
13127	LINK MLG DOOR	9.4
13130	HYD COMP	65.5
13131	CHECK VALVE	0.5
13132	ONE WAY RESTRICTOR	0.5
13134	TWO WAY RESTRICTOR	3.0

3BA-7
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

13135	M LDG ACTUATING CYL	223.1
13136	SHUTTLE VALVE	84.3
13137	SWIVEL FITTING	55.1
13138	ROD END (ACT CYL)	2.0
1313A	SHUT-OFF VALVE	117.9
1313B	ACT CYL MLG DOOR	94.7
13140	ELECT COMP	38.3
13141	M LDG UPLOCK SWITCH	23.6
13142	M LDG DOWNLOCK SW	111.8
13143	WARNING LIGHT	18.3
13144	WARNING LIGHT RELAY	8.5
13145	SEQUENCE SWITCH	39.0
13146	CIRCUIT BREAKER	5.5
13147	WIRING	17.0
13148	SAFETY SWITCH	85.8
13199	NOC	328.6
13200	NOSE GEAR	54.4
13210	GEAR ASSEMBLYR	14.0
13211	OUTER CYLINDER	0.0
13213	N LDG DRAG BRACE	487.0
13214	N LDG TORQUE LINK	52.9
13215	N LDG UPLOCK MECH	419.6
13216	N LDG DOWNLOCK MECH	4.0
13217	N LDG BUNGEE	122.2
13218	N LDG TRUNNION	398.0
1321A	N LDG FILLER VALVE	1.0
1321B	SUPPORT ASSY BRG	152.0
1321C	SPRING ACTUATOR	2.3
1321F	STRUT ASSEMBLY	1,352.3
13220	HYD COMP	38.0
13221	N LDG CHECK VALVE	5.5
13222	TWO WAY RESTRICTOR	39.9
13223	N LOG ACTUATING CYL	174.3
13224	N LDG SHUTTLE VALVE	9.0
13225	SWIVEL FITTING	16.2
13230	ELECT COMP	12.3
13231	N LDG UPLOCK SWITCH	122.5

3BA-8
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

13232	N LDG DOWNLOCK SW	47.1
13233	N LDG SAFETY SWITCH	87.2
13234	CIRCUIT BREAKER	4.0
13235	WIRING	7.8
13299	NOC	188.4
13300	CONTROLS	17.0
13310	GENERAL	172.6
13311	LOG CONTROL HANDLE	379.6
13313	LDG BELLCRANK	0.0
13314	LDG LINKAGE	27.9
13315	LDG SELECTOR VALVE	50.9
13316	CONTROL HANDLE KNOB	6.8
13317	CONTROL HANDLE BOOT	3.0
13399	NOC	81.9
13400	BRAKES	64.7
13410	MECH COMP	9.0
13411	BRAKE ASSEMBLY	1,092.0
13413	PEDAL LINKAGE	19.0
13420	HYD COMP	32.9
13421	CONTROL UNIT	564.7
13424	TRANSFER VALVE	62.5
13425	BLEEDER VALVE	20.5
13427	SWIVEL FITTING	37.0
13428	HOSE	22.8
13499	NOC	20.0
13500	STEERING	142.9
13510	MECH COMP	2.0
13511	STEERING ASSEMBLY	149.6
13514	CONTROL CABLE	7.0
13516	STEERING PUSH ROD	0.0
13520	HYD COMP	53.0
13522	COMPENSATOR	80.5
13523	SHUT OFF VALVE	21.5
13524	TWO WAY RESTRICTOR	1.5
13525	STEERING VALVE	31.1
13526	SWIVEL FITTING	16.3
13530	ELECT COMP	11.3

3BA-9
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

13532	CIRCUIT BREAKER	5.0
13599	NOC	20.1
13600	EMERG EQUIP	30.0
13610	MECH AND ELEC COMP	6.1
13611	GEAR RELEASE HANDLE	12.0
13612	RELEASE HANDLE LINK	1.0
13613	WARNING SIGNAL	35.7
13615	WARN SILENCING SW	12.8
13616	WARN SILENCE RELAY	2.0
13620	PNEUMATIC COMP	113.4
13621	AIR BOTTLE	274.0
13622	AIR BOTTLE GAGE	5.1
13623	FILLER VALVE	20.1
13624	SHUT OFF VALVE	62.0
13699	NOC	37.5
13700	WHEELS AND TIRES	157.0
13710	WHEELS	10.1
13711	MAIN WHEEL	16.4
13712	NOSE WHEEL	480.4
13713	WHEEL BEARING	6.9
13714	WHEEL SPACER	4.0
13715	WHEEL RETAINING NUT	148.5
1371A	MAIN WHEEL (ALUM)	1,632.8
13720	TIRES	2.3
13721	MAIN TIRE	1,149.9
13722	NOSE TIRE	243.6
13723	INNERTUBE	0.0
13799	NOC	18.7
14000	FLIGHT CONTROLS	477.3
14100	AIL AND TRIM TAB	922.7
14110	MECH COMP (GP 1)	9.3
14111	AILERON ASSEMBLY	492.3
14112	AILERON FRAME	16.5
14113	AILERON SKIN	31.3
14114	AILERON HINGE PIN	15.5
14115	AILERON LINKAGE	19.0
14116	CONTROL STICK	14.6

3BA-10
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

14118	AILERON PULLEY	20.0
1411A	GRIP CONTROL STICK	110.0
1411B	CABLE-LH UPPER FWD	7.5
1411C	CABLE-LH LWR FWD	6.0
1411D	CABLE-LH UPPER WING	12.0
1411E	CABLE-LH LWR WING	6.0
1411F	CABLE-RH UPPER FWD	6.0
1411G	CABLE-RH LWR FWD	6.0
1411H	CABLE-RH UPPER WING	6.0
1411J	CABLE-RH LWR WING	11.0
14120	MECH COMP (GP 2)	4.2
14121	AILERON QUADRANT	56.0
14122	AILERON BELLCRANK	12.5
14124	AILERON TAB ASSY	11.5
14125	TAB ACTUATING MECH	41.0
14126	AILERON TRAVEL STOP	8.0
14128	ARM ASSEMBLY	35.9
1412A	YOKE(CONTROL STK)	24.7
1412B	BEARING,CNTRL STICK	20.8
14130	ELECT COMP	2.0
14133	MOTOR TRIM TAB	45.6
14134	WIRING	0.5
14199	NOC	324.1
14200	ELEVATOR 3 TRIM T	442.9
14210	MECH COMP (GP 1)	7.9
14211	ELEVATOR ASSEMBLY	328.0
14212	ELEVATOR FRAME	0.0
14213	ELEVATOR SKIN	41.9
14214	ELEVATOR HINGE PIN	9.0
14216	PULLEY	0.0
14218	ELEVATOR QUADRANT	93.9
1421A	TIP	2.0
1421B	CABLE ASSY-ELEVATOR	7.5
1421C	CABLE ASSY-ELEVATOR	7.5
1421D	CABLE ASSY-ELEVATOR	4.0
14220	MECH COMP (GP 2)	2.0
14221	ELEVATOR LINKAGE	16.2

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

14222	PUSH PULL ROD	20.0
14223	ELEV DOWN SPRING	8.9
14224	ELEVATOR TAB ASSY	44.7
14227	ELEVATOR HORN	0.3
1422A	SCREWJACK	33.6
14230	ELECT COMP	46.1
14233	ACTUATOR TRIM	282.4
14234	WIRING	15.0
14299	NOC	30.1
14300	RUDDER 3 TRIM TAB	599.0
14310	MECH COMP (GP 1)	52.1
14311	RUDDER ASSEMBLY	739.9
14312	RIBS	15.0
14313	RUDDER SKIN	105.0
14315	RUDDER PULLEY	4.0
14316	TORQUE TUBE	14.0
14317	RUDDER PEDAL	5.2
14318	RUD PEDAL ADJ MECH	7.3
1431A	CABLE ASSY-RUDDER	13.0
1431B	CABLE ASSY-RUDDER	17.3
1431C	CABLE ASSY-RUDDER	41.1
1431D	CABLE ASSY-RUDDER	12.0
14320	MECH COMP (GP 2)	14.6
14321	RUDDER BELLCRANK	110.0
14322	TAB ASSEMBLY	5.3
14323	TAB ACTUATING MECH	0.0
14324	RUD BALANCE WEIGHT	0.0
14326	RUDDER BUNGEE	24.0
14327	RUDDER HINGE PIN	5.5
14328	PEDAL SUPPORT	2.0
1432A	HINGE FITTING	86.5
14330	ELECT COMP	17.5
14331	RUDDER CONTROL SW	20.2
14332	CIRCUIT BREAKER	0.0
14333	ACTUATOR-TRIM	54.7
14334	WIRING	25.4
14399	NOC	217.0

3BA-12
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

14400	WING FLAP	942.0
14410	MECH COMP	40.2
14411	FLAP ASSEMBLY	403.4
14412	FLAP FRAME	5.5
14413	FLAP SKIN	83.6
14414	FLAP HINGE	35.5
14415	SENSING CABLE	357.1
14416	CONTROL CABLE	57.6
14417	DETENT	51.8
14418	FLAP LINKAGE	23.8
1441A	SENSING ARM	36.8
1441B	BEARINGS	0.0
1441C	CHAFFING STRIP	29.6
1441D	HOUSING SENS CABLE	9.5
14420	HYD COMPS	34.3
14421	FLAP ACTUATOR	332.2
14422	FLAP RESTRICTOR	8.7
14423	SYNCHRONIZING VALVE	746.6
14499	NOC	200.5
14500	SP BRK AND TT	85.2
14510	MECH COMP	74.5
14511	ATTENUATOR ASSEMBLY	76.5
14512	SPEEDBRAKE ASSY	111.7
14513	LINKAGE SPEED BRAKE	20.8
14514	HINGE SPEED BRAKE	4.5
14515	BELLCRANK TA	507.1
14517	LINKAGE TA	3.0
14518	HINGE TA	34.5
1451A	DOOR TA	204.0
1451B	FAIRING (TA)	317.3
1451C	DEFLECTOR (TA)	29.5
1451D	ANGLE (TA)	397.7
14520	HYD COMP	25.8
14521	CONTROL VALVE (SB)	25.8
14522	RESTRICTOR SB	5.5
14523	ACTUATOR SB	71.8
14524	SHUTOFF VALVE SB	15.2

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

14525	CONTROL VALVE TA	20.0
14526	RESTRICTOR TA	20.7
14527	ACTUATOR TA	53.8
14528	PRIORITY VALVE (NS)	29.5
14530	ELECT COMP	22.5
14599	NOC	179.8
14600	SPOILER SYSTEM	16.0
14610	MECH COMP	3.0
14611	SPOILER ASSEMBLY	5.2
14613	SPOILER SKIN	0.0
14621	SPOILER ACTUATOR	109.5
14622	SPOILER CTL VALVE	13.9
14623	SPOILER RESTRICTOR	1.0
14630	ELECT COMP	16.9
14631	TRANSDUCER	4.0
14632	LIFT COMPUTER	5.9
14633	SPOILER CONTROL SW	42.3
14699	NOC	15.8
23000	TURBOJET POWER PLT	5,246.9
23A00	BASIC ENG	32.2
23A99	NOC	42.4
23AA0	ACCESSORY SECT	8.8
23AAA	HOUSING ACC DR CASE	7.7
23AAD	SHAFTGEAR ST GEN DR	2.0
23AAQ	SHAFTGEAR OIL P DR	1.0
23AAR	VALVE ANTILEAK OIL	2.0
23AAU	FUEL CARBON SEAL	7.0
23B99	NOC	10.3
23BA0	AIR INLET SECT	0.0
23BAB	DUCT AIR INTAKE	27.7
23BAD	HOUSING ASSEMBLY	2.0
23BAG	STARTER ADAPTER	8.0
23BAH	STARTER DRIVE	7.0
23C99	NOC	3.5
23CA0	COMPRESSOR SECT	15.0
23CAA	COMPRESSOR HOUSING	7.0
23CAD	COMPRESSOR INDUCER	2.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

23CAL	BEARING ROLLER	51.2
23CAP	RADIAL DIFFUSER	0.0
23CAT	FIRE SEAL	130.0
23D99	NOC	6.0
23DA0	COMBUSTION SECT	0.3
23DAA	HOUSING TURBINE	5.7
23DAB	AXIAL DIFFUSER	0.0
23DAD	DRAIN	36.6
23DAF	OUTER SHELL	0.0
23DAJ	HOSE, CDP	3.0
23DAK	FILTER, CDP	195.8
23E99	NOC	16.8
23EA0	TURBINE SECT	0.5
23EAA	NOZZLE TURBINE IN	3.0
23EAC	TURBINE BLADE	16.9
23F99	NOC	60.1
23FA0	EXHAUST SECT	17.6
23FAA	EXH DIFFUSER-J69T25	18.7
23FAB	CONE	1.0
23FAC	TAILPIPE ASSEMBLY	229.4
23FAD	ADJUSTMENT TABS	58.3
23FAE	CLAMP	1,208.5
23FAF	HOUSING REAR BRG	2.0
23FAG	REAR BEARING	0.0
23FAM	SPIDER ASSEMBLY	7.8
23FAN	REAR BRG SPT-J69T25	3.8
23FAP	EXH DIFUSER-J69T25A	15.2
23FAQ	REAR BRG SP-J69T25A	5.0
23G99	NOC	83.0
23GA0	FUEL SYSTEM	54.0
23GAB	FUEL CONTROL	423.7
23GAC	FUEL PUMP	23.5
23GAD	FUEL FILTER	467.2
23GAE	START FUEL NOZZLE	50.6
23GAJ	SOLENOID START FUEL	5.5
23GAK	HOSE (P TO FW-LH)	11.5
23GAL	HOSE (P TO FW-RH)	1.8

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

23H99	NOC	106.5
23HA0	OIL SYSTEM	93.2
23HAB	OIL PUMP ASSY	9.0
23HAD	SHAFT OIL PUMP	10.0
23HAE	OIL BY PASS VALVE	8.0
23HAF	ACCUMDRAIN VALVE	12.8
23HAG	ACCESS ACCUMULATOR	1,080.8
23HAH	PRESSURE REG VALVE	67.8
23HAJ	ANTILEAK VALVE	45.3
23HAK	OIL TANK	119.7
23HAL	OIL TANK FILLER CAP	4.5
23HAM	PENDULOUS HOSE O T	737.1
23HAN	OIL PRESSURE LINE	23.3
23HAP	OIL SCAVENGE LINE	11.0
23HAQ	OIL SUPPLY LINE	25.7
23HAR	GASKET OIL FILT	2.0
23J99	NOC	19.5
23JA0	IGN AND ELECT SY	17.9
23JAC	IGNITION COIL	3.8
23JAD	IGNITION PLUG	40.9
23JAE	RELAY	6.5
23JAF	IGNITION HARNESS	6.0
23JAG	TIME DELAY RELAY	0.0
23JAH	WIRING	15.0
23K00	ENGINE NACELLE	123.0
23KA0	GENERAL	1.0
23K99	NOC	66.2
23KAA	BLAST CAP	7.5
23KAB	STARTER COVER	95.6
23KAC	ENGINE MOUNT	12.0
23KAD	QUICK DISCONNECT	78.3
23KAG	REAR ENG MOUNT BOLT	3.0
23KAH	ENGINE SUPPORT TUBE	305.0
23L99	NOC	26.3
23LA0	CONTROLS	4.0
23LAH	TORQUE TUBE	5.0
23LAJ	FUEL CONTROL LEVER	4.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

23LAK	BRG BLOCK 4014242-1	4.7
23LAM	BRG BLOCK 4014082-5	9.8
23LAN	BRG BLOCK 4014083-5	11.5
23M00	ENGINE INSTMTION	68.5
23M99	NOC	45.4
23MA0	TACHOMETER SYSTEM	58.6
23MAA	TACH INDICATOR	151.8
23MAB	TACH GENERATOR	111.2
23MB0	OIL SYSTEM	26.4
23MBA	OIL PRESS IND	54.4
23MBB	OIL PRESS XMITTER	113.3
23MC0	FUEL SYSTEM	11.5
23MCA	INDICATOR FUEL FLO	27.7
23MCB	FUEL FLOW XMITTER	3.8
23MD0	TEMP IND SYSTEM	74.3
23MDA	EXHAUST INDICATOR	78.8
23MDB	TEMP SPOOL RESISTOR	18.0
23MDC	THERMO HARNESS	243.0
23MDD	THERMOCOUPLE PROBE	239.8
23MDE	FIREWALL CONNECTOR	30.3
23Z00	ENGINE/ QEC KIT	1,297.9
23Z10	QEC KIT	1.5
23Z99	NOC	42.1
41000	UTILITIES	90.2
41100	AIR COND AND DEF	44.0
41110	HOT AIR SOURCE	6.5
41111	AIR BLEED ASSEMBLY	9.5
41113	HOT AIR OUTLET	16.3
41114	HOT AIR CHECK VALVE	15.0
41116	HOT AIR VALVE	10.0
41117	DEFROSTING VALVE	9.8
41118	AIR BLEED HOSE CDP	39.5
41120	COLD AIR SOURCE	4.2
41121	REFRIGERATION UNIT	157.0
41122	WATER SEPARATOR	418.6
41123	RAM AIR VALVE	1.0
41124	AIR SCOOP (UPPER)	28.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

41125	COLD AIR VALVE	4.7
41126	COLD AIR OUTLET	3.0
41127	WATER SEP CONDENSIR	425.7
41128	DUCT (RAM AIR)	7.0
4112A	COOLING TURBINE	181.9
4112B	HEAT EXCHANGER	369.1
41130	CONTROLS	30.4
41131	MODULATING VALVE	72.5
41132	PLENUM CHAMBER	0.0
41133	SELECTOR SW MANUAL	11.1
41134	TEMPERATURE CONTROL	60.5
41135	THERMORESISTOR	0.0
4113A	SELECTOR SW AUTO	9.7
4113B	CONTROL WIRE	21.0
41140	DISTRIBUTION	4.0
41141	DISTRIBUTION VALVE	8.2
41142	MIXING MUFF	4.1
41143	DILUTER NOZZLE	4.0
41144	PICCOLO TUBE	6.6
41145	TUBE, DEFROST	14.8
41199	NOC	78.4
42000	ELECT POWER SUPPLY	268.8
42100	POWER SOURCE	92.5
42110	GENERAL	57.9
42111	STARTER GENERATOR	588.1
42112	EXT POWER RECEP	15.4
42113	BATTERY	99.6
42114	CELL	0.3
42115	BATTERY (SLAB)	268.5
42117	BATTERY VENT TUBE	2.1
42118	BAT ELECT CONNECTOR	82.7
42120	INVERTERS	14.5
42123	MAIN	235.7
42124	SPARE	228.9
42199	NOC	174.4
42200	POWER CONTROL	22.5
42210	AUTOMATIC (GP 1)	20.6

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

42211	VOLTAGE REGULATOR	263.2
42212	REVERSE CUR RELAY	105.2
42213	STARTER RELAY	23.1
42215	GEN CONTROL RELAY	5.5
42216	BATTERY RELAY	13.0
42221	INVERTER RELAY	0.0
42230	MANUAL	2.0
42231	GENERATOR SWITCH	4.5
42232	BATTERY SWITCH	1.5
42233	INVERTER SWITCH	3.0
42234	FUSE PANEL	1.0
42235	STARTER SWITCH	18.3
42236	IGNITION SWITCH	23.5
42299	NOC	18.8
42300	DISTRIBUTION	1.3
42310	GENERAL	7.5
42311	TERMINAL STRIP	37.5
42313	CIRCUIT BREAKER	10.7
42315	FUSE	12.2
4231B	WIRING	23.2
42399	NOC	31.9
44000	LIGHTING SYSTEMS	102.6
44100	EXTERIOR	7.2
44110	LIGHT ASSY	19.2
44111	NAVIGATION LIGHT	13.8
44112	POSITION LIGHT	169.3
44113	LANDING LIGHT	217.7
44114	TAXI LIGHT	64.5
44116	ANTI COLLISION LGT	203.9
44117	PASSING LIGHT	62.3
44118	STROBE	94.3
4411A	LENS, NAV LITE	7.0
4411B	LENS, POS LITE	13.1
44199	NOC	6.7
44200	INTERIOR	2.8
44210	UTILITIES	13.0
44211	INSTRUMENT LIGHT	49.2

3BA-19
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

44212	FLOOD LIGHT	32.9
44213	SPOT C4 LIGHT	52.6
44214	COCKPIT LIGHT	7.6
44299	NOC	10.6
44300	WARNING	9.0
44310	UTILITIES	5.3
44311	FUEL LEVEL WARN LGT	4.3
44312	ENGINE ICE WARN LGT	98.5
44313	CANOPY UNLOCK LIGHT	2.0
44314	FIRE DETECT WARN LT	4.7
44315	OVERHEAT WARN LIGHT	23.2
44316	GRAVITY FEED LIGHT	3.5
44317	BOOST PUMP FAILURE	1.0
44318	ELEVATOR TRIM LIGHT	3.0
44399	NOC	8.9
44400	CONTROLS	12.8
44410	MANUAL	0.0
44411	TOGGLE SWITCH	4.0
44412	BRIGHT DIM SWITCH	3.5
44413	RHEOSTAT	17.3
44414	TEST SWITCH	1.7
44420	AUTOMATIC	16.7
44421	LIGHT RELAY	10.5
44422	FLASHER UNIT	8.9
44423	RESISTOR	0.5
44424	CONTROL BOX	1.5
44425	LDG LGT REVER MOTOR	0.5
44426	ICE DETECTOR PROBE	111.5
44427	ICE DETECT INTERP	30.3
44428	PWR SUPPLY-STROBE	65.8
44499	NOC	4.0
45000	HYD AND PNEU PWR SY	239.8
45100	SYSTEMS COMP	77.6
45110	RESERVOIR	112.0
45111	HYDRAULIC TANK	14.2
45112	FILLER NECK AND CAP	598.8
45113	HYDRAULIC TANK VENT	3.0

3BA-20
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

45114	HYD TANK SIGHT GAGE	12.2
45115	HYD TANK DRAIN	14.0
45116	FILLER NECK SCREEN	0.0
45117	INTAKE ASSY	45.5
45120	PUMPS	52.6
45121	HYD ENG DRIVEN PUMP	89.8
45122	PUMP PRESS HOSE	180.3
45123	PUMP INLET HOSE	10.8
45130	ACCUMULATOR	81.6
45131	ULITITY ACCUMULATOR	2.0
45132	ACCUMULATOR GAGE	6.0
45140	VALVES	8.0
45142	HYD RELIEF VALVE	41.0
45143	RESTRICTOR	14.5
45144	CHECK VALVE	14.7
45145	FUSE	0.0
45146	AUX POWER CONNECT	151.6
45150	CONTROLS	0.0
45151	PRESSURE REGULATOR	67.9
45161	FLUID FILTER	10.7
45162	FLUID FILTER ELEM	92.0
45163	VENT FILTER	0.0
45164	VENT FILTER ELEMENT	235.0
45165	RESTRICTOR FILTERS	10.5
45170	DISTRIBUTION	19.5
45171	TUBE,RIGID (PRESS)	130.3
45172	TUBE,RIGID (RETURN)	19.2
45173	HOSE,FLEX. (PRESS)	67.7
45174	HOSE,FLEX. (RETURN)	4.7
45199	NOC	139.8
46000	FUEL SYSTEM	1,536.4
46100	TANK	60.7
46110	GENERAL (GROUP 1)	2.5
46111	PLUNGER ROD FIL CAP	106.2
46112	FUEL RESERVOIR	2.0
46113	TANK FILLER CAP	16.7
46114	INTERCONNECT	19.5

3BA-21
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

46115	ACCESS COVER	30.9
46116	TANK VENT LINE	118.7
46117	TANK FILLER ASSY	16.5
46120	GENERAL (GROUP 2)	103.0
46121	FUSELAGE CELL	53.7
46122	LW INTERSPAR CELL	219.2
46123	LW LEAD EDGE CELL I	61.3
46124	RW INTERSPAR CELL	42.8
46125	RW LEAD EDGE CELL I	19.2
46126	TIP TANK	2.6
46127	LW LEAD EDGE CELL O	177.1
46128	RW LEAD EDGE CELL O	130.7
46199	NOC	298.5
46200	DISTRIBUTION	123.8
46210	PUMP	18.2
46211	BOOST PUMP RG11100	90.1
46212	FUEL PROPORTIONER	1,452.9
46213	BOOST (WET) 2C39-2	328.3
46220	VALVES	0.5
46221	MAN SHUT OFF VALVE	7.2
46222	WING VENT VALVE OT	15.2
46223	DEFUELING VALVE	78.0
46224	GRAVITY FEED VALVE	51.8
46225	VALVE BP DRAIN	16.6
46226	CHECK VALVE	56.5
46227	FUSELAGE VENT VALVE	0.0
46228	MOTORIZED SHUT OFF	33.0
4622A	WING VENT VALVE NT	574.8
4622B	FLOAT	53.0
46230	GENERAL	26.9
46231	FUEL STRAINER	177.0
46232	STRAINER ELEMENT	214.1
46233	DRAIN VALVE	3.5
46234	INDICATOR IMPD BYP	2.5
46235	HOSE 601000-16-0254	29.7
4623A	HOSE ASSY 156115G017	24.5
4623B	HOSE ASSY 156115G021	25.4

3BA-22
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

4623C	LINE 601513-16D0090,	12.5
4623D	HOSE 906010408D0065	18.5
4623E	HOSE2706010408D0065,	40.0
4623F	HOSE ASSY, FUEL (TEF	0.0
46299	NOC	112.6
46310	CONTROL	81.1
46311	GRAVITY SWITCH	21.7
46312	PROPORTIONER MOTOR	41.5
46313	GRAVITY FEED RELAY	6.0
46314	LOW LEVEL RELAY	6.0
46316	BOOST PUMP SWITCH	1.0
46317	GRAV FEED MICRO SW	32.0
46318	T-HANDLE	352.8
4631A	BOOST PUMP PRESS SW	11.3
4631B	FLOAT SWITCH ASSY	49.3
4631C	FLOAT SWITCH ASSY	220.9
4631D	WIRING	9.1
46399	NOC	88.1
47000	OXYGEN SYSTEM	95.0
47100	SUPPLY	2.7
47110	GENERAL	133.0
47111	OXYGEN CYL BOTTLE	117.1
47112	OXYGEN FILLER VALVE	80.5
47113	BRACKET, FIL VALVE	1.0
47114	OXYGEN DISCONNECT	6.0
47116	SUPPLY TO REG HOSE	36.1
47117	VLV-PRESS RELIEF	7.0
47199	NOC	99.0
47200	DISTRIBUTION	6.0
47210	GENERAL	12.3
47211	OXYGEN REGULATOR	401.0
47216	QK-DIS TO REG HOSE	85.2
47299	NOC	153.9
49000	MISC UTILITIES	84.4
49100	FIRE DET AND OV HT	111.0
49110	ENGINE	5.0
49111	FIRE DETECT CABLE	3.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

49112	OVERHEAT DET CABLE	9.6
49113	CONNECTOR(WARNING)	0.0
49114	FLASHER UNIT	23.9
49115	TEST SWITCH	5.0
49116	CONNECT (DETECTOR)	0.7
49117	MOUNT	7.0
49118	CONTROL	376.1
4911A	WIRING	17.0
49199	NOC	9.0
51000	INSTRUMENTS, GEN	15.6
51110	GENERAL	1.8
51111	ACCELEROMETER	200.0
51112	WIRING	0.3
51120	PRESSURE TYPE	1.7
51121	AIRSPEED INDICATOR	119.0
51122	ALTIMETER	29.5
51123	RATE OF CLIMB	12.2
51124	ALT ENCODER AAU 21	59.5
51125	ALTIMETER AAU-27	115.0
51130	ELECTRICAL TYPE	2.8
51131	TURN AND SLIP	85.5
51132	ATTITUDE IND J8	0.5
51134	RATE SWITCHING GYRO	2.0
51136	INTERLOCK RELAY	4.0
51138	IND-ATT(ARU-44/A-2)	125.0
51139	IND-ATT ARU42/A-2	49.1
51140	PITOT STATIC SY	8.5
51141	PITOT HEAD	0.8
51142	PITOT TUBE	18.8
51144	TUBING	18.6
51145	STATIC PORT	0.6
51146	PITOT DRAIN	4.5
51147	HOSE	11.5
51199	NOC	13.8
51200	NAV INST	16.7
51210	GENERAL	11.8
51211	STANDBY COMPASS	39.9

3BA-24
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

51212	CLOCK	42.9
51214	COMPASS CORR CARD	5.3
51215	WIRING	1.8
51220	J-2 COMPASS SYS	80.7
51221	V8 INDICATOR	13.0
51222	REMOTE MAG DETECTOR	18.8
51223	S3A DIR GYRO CONTRL	236.8
51224	A2 MAG COMP AMPLI	187.0
51225	SLAVING CUTOFF SW	2.0
51226	COMPENSATOR-MAG DET	19.5
51228	PROTECTOR (P CIRC)	9.5
51299	NOC	7.1
51400	POSITION IND SY	2.0
51410	LANDING GEAR	0.4
51420	WING FLAP	5.0
51421	WING FLAP INDICATOR	12.6
51422	WING FLAP XMITTER	61.1
51511	LOADMETER	74.8
51599	NOC	0.5
51600	UTILITY INST	0.0
51610	HYD SYSTEM	1.2
51611	HYD PRESS INDCTR	22.0
51612	PRESS TRANS	14.9
51699	NOC	2.0
51720	FUEL QUANTITY	116.5
51721	FUEL QNTY INDICATOR	145.2
51722	FUEL QNTY PROBE	297.1
51724	FUEL QTY POWER UNIT	114.8
51725	TEST SWITCH	4.0
51726	CONNECTOR	42.4
51727	TRANSFER RELAY	1.0
5172A	WIRING	120.5
51799	NOC	7.3
55000	MAL ANALYS REC EQMPT	0.0
63000	UHF COMM SYSTEM	67.6
63200	DISTRIBUTION	3.6
63211	TERMINAL STRIP	8.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

63212	EQUIPMENT RACK	1.5
63213	COAXIAL CABLE	7.0
63216	WIRING	2.8
63299	NOC	4.9
63300	AN/ARC-164	11.2
63399	NOC	0.5
633A0	RECEIVER/TRANSMIT	156.0
633A1	SWITCHING UNIT	0.0
633D1	MAIN RECEIVER	0.0
633G1	ANTENNA	2.6
633FD	WIRING/HARNESS	4.5
633G1	ANTENNA	0.0
64000	INTERPHONE SYSTEM	28.9
64100	INT COMM	8.4
64110	AN/AIC-10	13.3
64112	MICROPHONE SWITCH	34.8
64114	ELECT CONNECTOR	2.0
64115	PERSONAL EQUIPMENT	8.5
64116	HEADSET CORD ASSY	71.1
64117	RELAY RE-94A	33.7
64118	CONTROL C824A	151.0
6411A	INTERPHONE FILTER	2.0
6411B	WIRING	13.4
64199	NOC	4.8
65000	IFF SYSTEM	9.8
65B00	AN/APX-72	26.9
65B99	NOC	0.8
65BA0	GENERAL	6.5
65BAA	CONTROL	1.0
65BAB	SWITCH ANTENNA	16.2
65BAC	ANT SEL SW	6.1
65BAD	ANTENNA	5.3
65BAE	MOUNT	10.0
65BAG	WIRING	45.1
65BC0	REC TRANS RT859A	165.0
65BCB	MODULATOR 0504	0.0
65C99	NOC	0.0

3BA-26
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

65CA0	CTRL TRS C6280-A	37.1
65DA0	T TEST SET TS1843A	33.4
71000	RADIO NAVIGATION	21.1
71200	DME (AVQ-75)	0.0
71210	AVQ-75	2.0
71211	MOUNT	0.0
71212	ANTENNA	2.7
71213	CONTROL	12.1
71214	INDICATOR DIST	0.0
71221	RECEIVER	0.0
71299	NOC	0.7
71300	VOR/ILS SYSTEM	29.7
71310	AN/ARN-127	18.7
71311	RECEIVER	208.0
7131A	VCO ASSY	0.0
7131B	GS REC ASSY	0.0
7131C	GS OSC ASSY	0.0
7131L	IND (RMI) ID-250	71.1
7131M	IND ID351,387,249	83.2
7131Q	WIRING	32.8
71321	CONTROL	40.1
71331	ANTENNA VT-10-50-5	56.2
71351	MOUNTING-MT4863	7.8
71399	NOC	21.5
71400	DME (AN/ARN-154)	13.1
71410	AN/ARN-154(V)	3.9
71411	REC-TRANS RT1634	111.1
71421	IND NAV SET ID2472	6.6
71431	MOUNT (MI591086)	14.4
71432	MOUNT (MT-6723)	1.1
71433	ANTENNA	25.4
71434	CONTROL	7.0
71435	WIRING	2.0
71499	NOC	4.5
75200	ELECT COMP	1.8
75211	SWITCH	2.0
75213	RELAY	8.0

APPENDIX 3BA
T-37 WORKLOAD DATA

F41689-01-C-0029

91000	EMERG EQ SURVIVAL	0.5
97000	EXPLOSIVE ITEMS	0.3
97A00	EGRESS SYSTEM	2.3
97A99	NOC	265.0
97AAB	ACT ROT PN1000-45	135.4
97ABC	CAT CKU 8/A 5184875	50.3
97AC0	INITIATORS	0.2
97ACB	INITIATOR M3A2	70.7
97ACD	INITIATOR M32A1	65.3
97ACE	HOSE BALLISTIC	218.0
97AE0	REMOVERS	65.3
97AEA	REMOVER M1A3	8.5
97AFD	HOSE BALLISTIC	9.0

121,543.7

ON/OFF MMH	121,543.7
General Support	70,876.9
Flying Hours	39,925.0
Assigned Aircraft	97.0
Maintenance ManHours Per Flying Hour	4.8

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

WUC	NOUN	Total MMH Sch & Unsch
1000	GRN HAND SERV RELAT	0.5
11531	AFT CENTER SKIN	0.2
11535	AFT CENTER FIREWALL	2.5
11563	FIREWALL	38.9
11615	WING LEADING EDGE	1.7
3000	LOOK PHASE OF SCHEDU	1.3
3100	PREFLIGHT INSP	84.5
3200	THRU FLIGHT	914.9
3210	BASIC POSTFLT	461.8
3215	COMBINED PRE/POST	104.5
3230	225 HR POSTFLIGHT	953.9
3300	HPO ENGINE	0.8
3400	PERIODIC INSPECTION	21,433.1
3600	LOOK PHASE MOD IRAN	36.0
3900	PERIODIC, TIME, OR M	3.0
4000	LOOK PHASE OF SPECIA	6.0
4112	ACCEPTANCE INSPECT	422.2
4113	AFTER FIRE INSP	4.9
4114	EXCESS G LOAD INSP	660.3
4115	FUNCTIONAL TAXI CHK	1.5
4116	AIRCRAFT ACCIDENT	14.2
4118	COMPASS SWING	30.0
4119	OIL FUEL SUMPS DRND	191.8
0411B	NON DESTR INSP	777.1
0411D	OIL SAMPLING	68.0
0411H	FUEL COMP CONTAM CK	1.5
0411J	OPER READY INSP	1.0
0411K	GROUND RECP INSP	426.6
4121	HARD LANDING INSP	106.5
4122	LANDING GEAR CHK	138.6
4123	WHEEL/BRAKE INSP	93.2
4124	PITOT STATIC CHK	66.0

3BB-1
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

4125	OXY SYS COMPTS CK	5.5
4129	BOMB NAV COM SYS CK	1.0
0412A	SEAT OR EMER SYS CK	675.0
0412J	AFT FUSELGE SECT CK	4,270.6
4131	ENGINE CHANGE INSP	2,238.3
4136	ENG OR IGN ANAL CK	1.3
4137	ENG COND SCHED	408.3
4138	MINOR ENG COND UN	359.8
4139	ENG TRIM CHECK	1,814.6
0413C	ENG AIR INLT INSP	2,965.9
0413M	BLEED AIR SYS CK	18.7
0413P	ENG STAL/FLAMOUT CK	163.8
4140	CABIN PRESS/LK TEST	205.8
4141	CORROSION INSP	148.8
4142	ENG BAY INSP	1,816.1
4143	AIR CONDITIONING CK	32.9
0418B	OVERHEAT AND FIRE	397.9
4150	WT AND BALANCE	191.5
4170	EQUIP INVENTORY	27.2
4180	CKS REQ CKOUT EQUIP	4.5
0418A	AIR DATA PITOT CK	6.5
0418B	OVERHEAT AND FIRE	1,554.9
4190	ENG SUDDN STOP INSP	8.0
4194	GEARBOX CHK	101.2
4199	SPECIAL INSP NOC	9,182.1
4210	FUNCTIONAL CK FLT	166.4
4211	FCF AS REQ BY TCTO	1.5
4220	QUALITY ASSUR INSP	297.2
4230	ALIGMT SYM CHECK	381.6
4610	NDI (ALL TYPES)	2,788.9
4611	EDDY CURRENT	495.1
4612	MAGNETIC PARTICLE	41.1
4613	X-RAY	42.4
4614	ULTRASONIC	1,124.1
4615	FLUORESCENT PENETR	2.0
4630	R AND D NEW NDI	1.5
9000	SHOP SUPPORT GEN	5,803.9

3BB-2
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11000	AIRFRAME	5,525.2
11100	WINDSHIELD	55.1
11110	WDSHD ASSY FRT GP I	113.4
11111	WINDSHIELD ASSEMBLY	454.3
11112	FRAME	4.6
11114	FAIRING	5.5
11115	PRESSURIZATION SEAL	4.7
11117	SUPPORT BRACKET	22.5
11118	SUPPT BRACKET HINGE	24.0
11119	NOC	211.3
11120	WDSHD ASSY FRT GPII	78.2
11121	CRANK	4.0
11122	ROD	4.0
11123	HINGE PIN	2.0
11125	PANEL GLASS	60.7
11126	HOLD DOWN BOLT	8.5
11129	NOC	7.6
11130	WINDSHIELD, REAR	21.8
11131	WINDSHIELD	47.3
11132	FRAME	1.0
11133	SUPPORT	1.0
11136	PANEL GLASS	30.8
11139	NOC	1.0
11200	CANOPY ASSY FRONT	228.0
11210	STRUCTURAL	15.9
11211	CANOPY ASSEMBLY	1,040.7
11212	PANEL GLASS (TCI)	549.0
11213	FRAME	15.5
11214	FAIRING	57.0
11216	BEAM	2.0
11217	SUPPORT	17.7
11218	SEAL GLASS TO FRAME	41.2
11219	NOC	78.6
11220	CANOPY DRIVE MECH.	4.8
1121A	SEAL,CANOPY DISCONN	38.0
11221	DRIVE MECH BEAM	3.1
11222	DRIVE MECH LINK	38.1

3BB-3
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11223	DRIVE MECH CRANK	37.0
11224	DRIVE MECH SUPPORT	26.5
11225	DRIVE MECH ROD	24.3
11226	DRIVE MECH CABLE	141.5
11227	DRIVE MECH SPRING	2.0
11229	NOC	104.3
1122A	DRIVE MECH BEARING	24.0
1122B	ROLLER CHAIN	16.0
11230	CANOPY LOCKING MECH	26.5
11231	HANDLE, OPERATING	24.8
11232	LOCK DRIVE ROD	59.4
11233	LOCK HOOK	183.7
11234	LOCK CRANK	7.5
11235	LOCK SPRING	5.0
11237	LOCK TORQUE TUBE	3.0
11239	NOC	100.6
1123A	LOCK BEARING	2.0
1123B	LIGHT, CANOPY UNLK	6.0
11240	CANOPY JET. MECH.	1.2
11246	LATCH, HINGE DISC	7.0
11247	JETTISON DAMPER	130.0
11248	BRACKET	4.5
11249	NOC	33.2
1124A	JETTISON T HANDLE	55.5
11300	CANOPY ASSY. REAR	197.1
11310	STRUCTURAL	18.0
11311	CANOPY ASSY	616.7
11312	PANEL GLASS (TCI)	307.0
11313	FRAME	20.0
11314	FAIRING	50.0
11315	ROLLER	52.8
11317	SUPPORT	0.2
11318	SEAL GLASS TO FRAME	6.5
11319	NOC	11.3
1131A	BLIND FLYING HOOD	5.0
1131B	TAPE HOOD FASTENER	3.6
1131C	SEAL CANOPY DISCT	6.7

3BB-4
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11323	DRIVE MECH CRANK	66.9
11324	DRIVE MECH SUPPORT	13.3
11325	DRIVE MECH ROD	115.5
11326	DRIVE MECH CABLE	168.0
11328	DRIVE MECH PULLEY	13.8
11329	NOC	16.0
11330	CANOPY LOCKING MECH	20.0
11331	HANDLE, OPERATING	14.2
11332	LOCK DRIVE ROD	10.2
11333	LOCK HOOK	13.9
11334	LOCK CRANK	17.8
11337	LOCK TORQUE TUBE	0.8
11339	NOC	42.0
1133B	LIGHT, CANOPY UNLK	18.2
11340	CANOPY JET. MECH	6.5
11346	LATCH, HINGE DISC	2.7
11347	DAMPER JETTISON	98.2
11348	BRACKET	4.0
11349	NOC	35.1
1134A	T HANDLE	42.0
11350	CANOPY JET.MECH EXT	1.5
11351	D HANDLE	0.5
11352	CABLE	2.0
11354	CLIPS (D HANDLE)	8.6
11359	NOC	1.5
11400	LANDING GEAR DOORS	9.0
11410	NOSE GEAR	46.0
11411	DOOR ASSY NOSE GEAR	59.0
11412	DOOR HINGE	18.3
11413	DOOR STRUCTURE	24.8
11414	DOOR ROD	2.5
11415	DOOR LINK	6.0
11416	DOOR BRACKET	8.5
11417	DOOR LOCK MECHANISM	1.0
11418	DOOR CABLE	0.5
11419	NOC	45.3
1141A	STRUT DOOR (ATCHED)	699.2

3BB-5
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

1141B	DOOR PIP PIN	4.0
1141C	DOOR SKIN	1.0
1141D	SPRING, NLG DR RET	6.8
11420	MAIN GEAR GROUP I	34.5
11421	DOOR,MAIN GEAR	282.0
11422	HINGE	28.3
11424	HINGE PIN	8.2
11425	LOCKING MECHANISM	40.9
11426	DOOR ROD	11.0
11427	DOOR LINK	131.5
11428	DOOR BRACKET	2.5
11429	NOC	45.1
1142A	DOOR SKIN	54.2
11430	MAIN GEAR GROUP II	8.8
11431	DOOR ASSY ATTACHED	612.0
11432	DOOR FLAP ASSEMBLY	4.0
11434	FLAP HINGE PIN	1.2
11439	NOC	188.4
11500	FUSELAGE SECTION	7,075.9
11510	NOSE STA 52.5-152.5	639.0
11511	NOSE SECTION SKIN	104.1
11512	NOSE DOOR HINGE	118.8
11513	DOOR,NOSE ACCESS	1,208.6
11514	BALLAST	207.4
11515	ENCLOSURE ANTENNA	150.9
11516	ZIPLOCK FASTENER	33.2
11517	CAMLOCK FASTENER	15.5
11519	NOC	602.1
1151A	RACK,BATTERY	5.2
1151B	RECEPTACLE S G	24.0
1151C	BULKHEAD	50.2
1151D	FORMER	10.1
1151E	DOOR, COMM/NAV MXU	1,851.6
1151F	LONGERON CKPT UPPER	2.0
11520	CENTER STA 152-388	585.0
11521	CENTER SECTION SKIN	150.9
11522	PLATE	8.7

3BB-6
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11523	CENTER SECT COVER	199.8
11524	HINGE	46.5
11525	STEP	127.8
11526	DOOR, ACCESS	475.7
11527	SPEED BRAKE PANEL	310.4
11528	COCKPIT DRAIN VALVE	670.8
11529	NOC	305.0
1152B	FS 325 BULKHEAD	666.0
1152E	POD, TRAVEL	297.7
1152G	RECEPTACLE S G	36.0
1152H	BULKHEAD	18.7
1152J	FORMER	77.1
1152K	FLOOR, COCKPIT	83.2
1152L	FLOOR, FUEL CELL	272.6
1152M	BOLT,SPLICE FS284	1.0
11530	AFT CENTER	671.8
11531	AFT CENTER SKIN	107.1
11532	TRUNNION MOUNT	500.7
11533	TRACK,ENGINE INSTL	133.3
11534	SUPPORT BEAM	378.4
11535	AFT CENTER FIREWALL	1,157.5
11536	DOOR, ACCESS	5,143.4
11537	AFT CENTER FORMER	49.7
11538	HINGE AFT CENTER	13.8
11539	NOC	407.2
1153A	SUCK IN DOOR	23.8
1153B	SPRING, SUCK IN DR	4.0
1153C	DUCT,BLEED AIR	54.0
1153D	CAMLOCK FASTENER	5.9
1153E	CALFAX FASTENER	11.5
1153G	FTG UPPER LONGERON	14.0
1153J	DOOR, COOLING	1.0
11540	VERTICAL STABILIZER	60.0
11541	VERT STAB ASSY	22.5
11542	LEADING EDGE	109.6
11543	TIP PLASTIC	147.4
11544	VERT STAB BRACKET	5.5

3BB-7
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11546	VERT STAB SKIN	11.0
11547	VERT STAB HONEYCOMB	144.4
11548	ACCESS DOOR	133.6
11549	NOC	63.9
1154A	FASTENER ACCESS DOR	1.0
11550	AIR INTAKE DUCT	304.0
11551	AIR DUCT LEAD EDGE	1.5
11553	RAM AIR DUCT	147.8
11554	BALL LOK RECEPTACLE	0.1
11555	AIR DUCT SKIN	12.6
11556	FRAME STRUCTURE	15.0
11557	INTAKE DUCT SEAL	51.2
11559	NOC	69.8
11560	AFT REMOVABLE FUSE.	2,633.8
11561	AFT FUSELAGE ASSY	4,990.5
11562	EJECTOR	465.3
11563	FIREWALL	1,438.6
11564	FORMER	12.0
11565	ATTACH FRAME	7.0
11566	DOOR, ACCESS	1,767.1
11567	ANNULUS DOOR	100.8
11568	AFT FUSELAGE SKIN	214.0
11569	NOC	2,230.5
1156A	CAMLOCK FASTENER	6.0
1156B	CALFAX FASTENER	6.0
1156C	EJECTOR COVER	395.9
11600	WINGS	18.5
11610	GENERAL	128.0
11611	WING ASSEMBLY	241.7
11612	WING SKIN	312.6
11613	WING HONEYCOMB	191.9
11614	WING TIP	613.9
11615	WING LEADING EDGE	205.4
11616	MLG TRUNNION RIB	0.5
11617	WING SPAR	92.0
11618	WING ACCESS DOOR	341.9
11619	NOC	524.3

3BB-8
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

1161G	WING ATCH BOLT(TCI)	153.8
1161H	WING ATTACH FITTING	6.0
1161J	BUSHING,WNG ATCHTCI	86.0
1161L	BOLT 44(WING ATTCH	42.2
1161M	FITTING 44(WG ATCH	8.7
1161N	BUSHING 44(WG ATCH	22.0
1161P	BOLT 66(WING ATCH	2.0
1161Q	FITTING 66(WG ATCH	191.3
1161R	BUSHING 66(WG ATCH	22.0
1161S	RETAINER 44(BOLT	4.7
1161T	RIB MLG UPLOCK	3.0
1161U	WING ASSY ROTO SCAN	9.0
1161V	WING ASSY EDDY CURR	15.0
11700	ACCESSORY DR.GEARBX	630.7
11710	GENERAL GROUP I	343.4
11711	GEARBOX ASSY (P/N 3-	1,559.2
11712	RETAINER RING	3.0
11714	OIL FILTER	673.4
11716	OIL SEAL (INPUT DR)	179.5
11719	NOC	276.2
1171A	GEARBOX, CONVERSION	183.3
1171B	IDLER SHAFT WASHER	5.8
1171N	GEAR HYDRAULIC PUMP	2.0
1171V	SUMP PLUG MAGNETIC	16.0
1171Y	SUPPORT, GEARBOX	54.5
11720	GEARBOX PWR SHAFT	378.8
11721	QUILL,SHFT(ENG END)	2.3
11722	COUPLING (ENG END)	35.6
11724	QUILL,SHFT(GBX END)	2.0
11725	COUPLING GEARBX END	26.3
11726	POWER SHAFT	6.5
11729	NOC	10.2
11730	GEARBOX PWR SHAFT	73.8
11739	NOC	19.5
1173A	DRIVE ASSY INPUTBX	577.1
1173B	DRIVE ASSY OUTPUTBX	1,135.8
1173C	SHAFT ASSY INTERCTG	26.0

3BB-9
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11800	THROTTLE CONTROL	314.7
11810	GENERAL	239.6
11811	QUADRANT COCKPIT	410.3
11812	THROTTLE LEVER	1.9
11813	DETENT SPRING	7.0
11814	PLATE FRICTON	13.5
11815	THROTTLE CAM	4.5
11816	THROTTLE A/B SWITCH	121.8
11817	THROTTLE CABLE	447.7
11818	THROTTLE PULLEY	4.0
11819	NOC	127.5
1181B	BRACKET	14.0
1181E	RING SEAL RETAINING	6.0
1181F	FAIRLEAD	6.7
1181G	QDRANT ASSY(ENG BY)	2,571.9
1181J	STROKE ADJUST BSHG	4.5
12000	FUSELAGE COMPRTMENT	557.6
12110	GENERAL	152.2
12111	PANEL CONSOLE	224.1
12112	PANEL VERT CONSOLE	126.4
12113	CENTER PEDESTAL	9.0
12114	INSTRUMENT PANEL	6.0
12115	SHOCK MOUNTS	22.3
12116	MAP CASE	206.7
12117	MIRROR	14.0
12118	INST GLARE SHIELD	82.5
12119	NOC	245.7
1211A	PANEL, TRIM	421.0
1211B	TOOL, CANOPY BREAKR	4.3
12120	SEAT GROUP I	79.6
12121	SEAT ASSY	797.2
12122	CALFGUARD	3.1
12124	SEAT LEGBRACE	64.5
12125	PERSONNEL LEAD DISC	27.5
12126	SUPPORT LEAD DISC	9.0
12127	ADJUSTER ACTUATOR	47.4
12128	SEAT SLIDE BLOCKS	10.0

3BB-10
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

12129	NOC	13.3
1212A	ACTUATOR SWITCH	27.7
12130	SEAT GROUP II	63.8
12133	TRACK,SEAT	31.7
12135	TRIGGER MECHANISM	18.9
12137	SEAT LAP BELT	123.6
12138	SEAT PULL HANDLES	22.3
12139	NOC	1.0
12140	SEAT GROUP III	2.2
12141	SHOULDER HARNESS	20.3
12142	LEVER, LOCK REEL	4.0
12143	REEL 2-70286-11	15.0
12146	SEAT HEADREST	6.5
12147	SEAT SAFETY PIN	2.7
12149	NOC	6.5
1214A	HARNESS 0101427-114	18.5
1214C	REEL 0113634-201	77.1
12151	SEAT CUSHION	23.0
12152	SEAT BACK REST	91.5
12159	NOC	109.7
12160	SEAT GROUP V	193.7
12161	GUN,DROGUE	18.0
12162	CHUTE,DROGUE (TCI)	50.8
12163	LANYARD RELEASE	6.2
12164	SLEEVE,DEPLMT (TCI)	37.0
12166	HARNESS,D.CHUTE TCI	7.6
12167	CONTAINER D CHUTE	252.3
12168	TANG,CATAPULT ATCH	1.0
12169	NOC	6.3
1216A	CONTAINER ASSY	4.0
1216B	HARNESS SHOULDER	3.6
1216C	PIERCER,CANOPY	1.5
12200	REAR COCKPIT	62.2
12210	GENERAL	15.2
12211	PANEL,CONSOLE	12.5
12212	VERT CONSOLE PANEL	12.7
12213	CENTER PEDESTAL	10.0

3BB-11
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

12214	INSTRUMENT PANEL	24.7
12215	SHOCK MOUNTS	1.0
12216	MAP CASE	36.0
12217	MIRROR	2.3
12218	INST GLARE SHIELD	26.1
12219	NOC	40.3
1221A	PANEL, TRIM	442.2
1221B	TOOL, CANOPY BREAKR	23.7
12220	SEAT GROUP I	95.6
12221	SEAT ASSEMBLY	537.1
12222	SEAT CALFGUARD	5.0
12223	SEAT ELBOW GUARD	12.5
12224	SEAT LEGBRACE	89.5
12225	PERSONNEL LEAD DISC	15.8
12226	SUPPORT LEADS DISC	2.0
12227	ADJUSTER ACTUATOR	55.4
12229	NOC	8.6
1222A	ACTUATOR SWITCH	6.0
12230	SEAT GROUP II	56.5
12233	SEAT TRACK	8.3
12235	TRIGGER MECHANISM	3.4
12237	SEAT LAP BELT	93.4
12238	SEAT PULL HANDLES	16.0
12239	NOC	3.5
12240	SEAT GROUP III	1.1
12241	SHOULDER HARNESS	35.3
12242	LEVER, LOCK REEL	8.0
12243	REEL 2-70286-11	4.0
12245	CANOPY QUICK DISC	0.7
12246	SEAT HEADREST	6.5
12247	SEAT SAFETY PIN	1.0
12249	NOC	5.5
1224A	HARNESS 0101427-114	18.5
1224C	REEL 0113632-201	59.0
12250	SEAT GROUP IV	0.8
12251	SEAT CUSHION	8.6
12252	SEAT BACK REST	111.1

3BB-12
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

12259	NOC	122.8
12260	SEAT GROUP V	190.0
12261	GUN,DROGUE	16.0
12262	CHUTE,DROGUE (TCI)	56.5
12263	LANYARD,RELEASE	8.0
12264	SLEEVE,DEPLYM (TCI)	28.5
12265	DISCONNECT,SERVICE	1.0
12266	HARNESS,D.CHUTE TCI	7.0
12267	CONTAINER D CHUTE	157.3
12268	TANG,CATAPULT ATCH	1.0
12269	NOC	5.0
1226A	CONTAINER ASSY	2.3
1226B	HARNESS,SHOULDER	2.8
13000	LANDING GEAR	1,218.1
13100	MAIN GEAR	163.2
13110	MECH COMP GROUP I	71.0
13111	MAIN GEAR STRUT	439.2
13112	TRUNNION MLG (TCI)	49.5
13113	SIDE BRACE ASSY MLG	193.7
13114	SIDE BRACE BUSHING	18.0
13116	LINK,SIDE BRACE	327.0
13119	NOC	471.2
1311A	FITTING(SBRACE CYL)	18.5
13120	MECH COMP GROUP II	0.5
13121	UPLOCK HOOK	120.0
13122	ROLLER BRACKET	21.1
13123	UPLOCK MECHANISM	236.1
13124	DOWNLOCK BUNGEE	42.0
13125	BELLCRANK	58.3
13127	JACKING PAD	9.5
13129	NOC	93.4
13130	MECH COMP GROUP III	5.0
13131	TURNBUCKLE	2.1
13133	CABLE ASSEMBLY	3.8
13134	ADJUSTING LINK	28.5
13135	STOPBLOCK	3.4
13136	TORQUE ARM	156.2

3BB-13
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

13139	NOC	124.0
13140	HYDRAULIC COMPONENT	27.0
13141	GEAR ACTUATING CYL	88.9
13142	CYLINDER ACT S/B	90.2
13143	UPLOCK ACTUATOR	91.6
13144	CYLINDER ACT DOOR	154.2
13145	ACTUATOR DOOR LOCK	240.4
13147	RESTRICTOR VALVE	19.5
13148	ACTUATOR ROTARY	3.0
13149	NOC	39.6
1314A	FITTING SWIVEL	62.2
1314B	HYDRAULIC TUBING	37.8
1314C	HYDRAULIC HOSE	34.7
13200	NOSE GEAR	186.2
13210	MECH COMP GROUP I	58.5
13211	STRUT ASSY NOSE	218.7
13212	TRUNNION ASSY	3.5
13213	DRAG BRACE	12.1
13214	DOWNLOCK SPRING	2.0
13215	STRUT STEER COLLAR	29.0
13216	DRAG LINK	14.0
13217	DOOR ADJUSTING LINK	456.3
13219	NOC	78.0
13220	MECH COMP GROUP II	3.5
13221	DOOR ACTUATING ROD	17.5
13222	DOOR LINK BRACKET	36.8
13223	TORQUE ARM	104.0
13225	JACKING PAD	2.3
13229	NOC	35.0
13230	HYDRAULIC COMPONENT	14.4
13231	CYL GEAR ACTUATING	118.8
13232	DOOR ACTUATING CYL	79.4
13233	VALVE, RESTRICTOR	36.0
13234	FITTING, SWIVEL	25.8
13235	HYDRAULIC TUBING	26.5
13236	HOSE HYDRAULIC	17.0
13239	NOC	17.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

13300	ELECT COMPONENTS	297.9
13310	GENERAL	23.6
13311	CONT HANDLE SWITCH	110.9
13312	VALVE, HYD ACT GEAR	127.3
13313	RELAY SEQUENCE	51.8
13314	RETRACT CONT RELAY	27.7
13315	SWITCH DOOR	600.5
13316	LOCK IND SWITCH	146.3
13317	CIRCUIT BREAKER	8.3
13318	RESET SWITCH	22.5
13319	NOC	120.4
1331A	VALVE, HYD ACT DOOR	18.0
1331B	SWITCH, TORQUE LINK	98.1
13320	WARNING/INDICATION	89.8
13321	DOWNLOCK IND LIGHT	51.0
13322	LIGHT,CONT HDLE WRN	43.9
13323	WARNING RELAY	3.0
13324	SWITCH, ALT PRESS	68.7
13325	AIRSPEED PRESS SW	24.1
13326	SWITCH THROTTLE POS	23.1
13329	NOC	28.3
1332A	GENERATOR, AUD SIG	72.0
13400	LANDING GEAR CONT.	13.5
13410	GENERAL	188.0
13411	HANDLE CONTROL	241.9
13412	PUSHROD	9.5
13413	BELLCRANK	12.8
13414	LINKAGE	7.5
13415	INTERCONNECT LINKGE	41.3
13416	CABLE ASSEMBLY	35.2
13419	NOC	15.9
13500	NOSE WHEEL STEERING	107.6
13510	MECH COMPONENTS	16.0
13511	STEER MECH LINKAGE	43.2
13512	STEER TORQUE SHAFT	23.3
13513	TORQUE SHAFT LINK	7.3
13514	ADJUSTING LINKAGE	13.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

13515	STEERING CAM	7.7
13518	CAM FOLLOWERS	41.5
13519	NOC	95.4
13520	HYDRAULIC COMPONENT	11.3
13521	STEERING ACTUATOR	639.6
13525	HYDRAULIC TUBING	13.3
13526	HYDRAULIC HOSE	24.0
13527	VALVE ANTI CAVTION	0.5
13529	NOC	20.3
13530	ELECT. COMPONENTS	23.1
13531	SWITCH TORQUE LINK	39.7
13532	VALVE HYD STEER NC	0.7
13533	STICK GRP STEER SW	50.4
13539	NOC	1.2
1353A	ELECT WRNG,HARNESS	8.0
13600	BRAKE SYSTEM	408.8
13610	GENERAL	74.7
13611	BRAKE ASSY WHEEL	500.9
13613	PEDAL LINKAGE	119.3
13614	BRAKE MASTER CYL	1,166.7
13615	RESERVOIR,FLUID	18.6
13616	BLEEDER FITTING	2.5
13617	CABLE ASSEMBLY	232.5
13619	NOC	96.2
1361A	HYDRAULIC TUBING	15.5
1361B	HOSE,HYDRAULIC	37.9
1361C	SCREW ADJ MAN BRK	6.6
1361J	STATOR(DISK),BRAKE	3.0
13700	ALT REL SYSTEM	165.9
13710	MECH ELECT GROUP I	75.6
13711	ALT RELEASE LINKAGE	14.6
13714	RELEASE ARM	12.8
13715	RELEASE QUADRANT	83.5
13716	FORK LINK	13.0
13718	ROLLER	10.5
13719	NOC	14.0
1371A	D HANDLE	16.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

13720	MECH ELECT GROUP II	24.0
13721	PULLEY	90.2
13722	CABLE	184.4
13729	NOC	10.0
13730	ALT REL CONT BOX	120.9
13731	CAM ASSEMBLY	6.3
13737	SAFETY SWITCH	48.2
13739	NOC	18.0
13800	WHEELS AND TIRES	719.8
13810	MAIN WHEEL ASSY	2,313.4
13811	WHEEL	1,687.9
13812	MAIN WHEEL COLLAR	68.8
13813	MAIN WHEEL WASHER	4.3
13814	JACK PAD SPRING	3.0
13818	INSERT,DRIVE KEY	2.0
13819	NOC	4.0
13820	NOSE WHEEL ASSY	511.9
13821	WHEEL	183.0
13822	NOSE WHEEL BEARING	186.0
13825	DUST CAP	0.5
13829	NOC	20.7
13830	TIRES	53.3
13831	MAIN GEAR TIRE	4,226.0
13832	NOSE GEAR TIRE	112.5
13834	FILLER VALVE CAP	1.2
14000	FLIGHT CONTROLS	1,806.8
14100	AILERON SYSTEM	420.1
14110	GENERAL	178.2
14111	AILERON ASSEMBLY	278.3
14112	AILERON SKIN	4.0
14114	CASTING, HINGE AIL	7.5
14115	AILERON BEARING	6.5
14116	AILERON HINGE PIN	15.7
14117	LEADING EDGE	14.5
14118	TRAILING EDGE	51.2
14119	NOC	187.8
14120	MECH COMP GROUP I	61.3

3BB-17
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

14121	CONTROL STICK	186.6
14122	AILERON QUADRANT	84.5
14123	OVERLOAD REL SPRING	22.8
14124	CONT STICK QUADRANT	40.0
14125	CENTERING MECHANISM	31.3
14126	WALKING BEAM	2.0
14127	DRIVE ROD	6.0
14128	CABLE ASSY	386.5
14129	NOC	93.5
1412A	ACTUATING LINKAGE	10.5
14130	MECH COMP GROUP II	4.5
14131	AILERON BELLCRANK	33.8
14133	AILERON BEAM BOLT	6.0
14135	AILERON PULLEY	77.9
14136	AILERON LINKAGE	2.0
14137	CONTROL STICK BOOT	39.5
14138	GRIP CONTROL STICK	452.6
14139	NOC	14.5
1413A	LINK, ANTI BK LASH	6.5
14140	HYD. COMPONENTS	218.1
14141	ACTUATOR AILERON	596.2
14142	SERVO VALVE	29.3
14144	HYDRAULIC TUBING	49.9
14149	NOC	12.7
1414A	CRANK,ACTUATOR	59.0
14150	ELECT COMPONENTS	16.1
14151	LIMIT SWITCH	11.5
14152	SW CONTROL STK TRIM	46.1
14153	ACTUATOR TRIM	46.0
14159	NOC	26.9
14200	HORIZ. STABILIZER	347.6
14210	GENERAL	78.0
14211	HORIZ STABILIZER	198.3
14212	LEADING EDGE	23.5
14213	TRAILING EDGE	7.5
14214	HORIZ STAB SKIN	48.3
14215	HONEYCOMB	20.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

14216	TORQUE TUBE	14.5
14217	BRG, OUTBD STAB TCI	104.0
14218	TAPER PIN	34.5
14219	NOC	51.3
1421A	BRG, 1NBD STAB	43.2
14220	MECH COMP GROUP I	10.5
14221	CONT STICK QUADRANT	45.0
14222	WALKING BEAM QUAD	15.0
14223	ACTUATOR HORN	4.5
14224	AFT QUADRANT	63.5
14226	TENSION REGULATOR	10.0
14228	CABLE ASSEMBLY	152.0
14229	NOC	92.3
14230	MECH COMP GROUP II	6.0
14231	CONTROL ROD	15.0
14232	CONTROL ROD	11.0
14233	FEEL SPRING	12.1
14234	SERVO VALVE QUAD	15.5
14235	ECCENTRIC BOLT	15.0
14236	STOP BOLT	16.5
14237	BELLCRANK	8.2
14239	NOC	16.0
14240	MECH COMP GROUP III	11.0
14241	FORK, IDLER	4.0
14242	CABLE DISCONNECT	34.1
14243	CRANK, ART FL SPG	21.3
14245	INTERCONNECT CABLE	24.0
14246	BOLT, HORZ. STAB (TCI)	3.0
14249	NOC	116.2
14250	HYD. COMPONENTS	12.5
14251	ACTUATOR CYLINDER	364.0
14252	FITTING Q/D MALE	178.6
14253	FTTG QUICK DIS	861.5
14254	FILTER	8.0
14256	RELIEF VALVE	4.5
14257	SERVO VALVE	23.5
14259	NOC	8.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

1425A	HYDRAULIC TUBING	23.8
1425B	HOSE, HYDRAULIC	34.0
14260	ELECT COMPONENTS	38.4
14261	TRIM ACTUATOR	233.2
14262	TRIM CONTROL UNIT	61.3
14263	TRIM INDICATOR LAMP	13.3
14264	SAFETY SW ART FEEL	44.0
14266	CIRCUIT BREAKER	8.0
14267	BONDING JUMPER	30.0
14268	VOLT DROP RESISTOR	1.0
14269	NOC	16.1
14300	RUDDER SYSTEM	228.1
14310	GENERAL	109.0
14311	RUDDER ASSEMBLY	128.9
14312	RUDDER SKIN	16.7
14313	RUDDER HONEYCOMB	25.0
14317	LAMINATED WASHER	14.0
14318	TAPER PIN	2.0
14319	NOC	11.5
14320	MECH COMP GROUP I	6.2
14321	ACTUATING HORN	12.0
14324	HINGE BOLT	3.0
14326	FORCE PRODUCER	23.1
14327	FORCE PRODUCER ARM	0.5
14328	SPRING, FORCE (TCI)	94.9
14329	NOC	63.4
14330	MECH COMP GROUP II	60.0
14331	PEDAL LINKAGE	73.0
14332	QUADRANT	4.0
14333	INTERCONNECT LINKGE	12.3
14334	QUICK DISCONNECT	22.5
14335	BELLCRANK	0.8
14336	CABLE ASSEMBLY	247.8
14337	LIMITER ARM	2.0
14338	STOPBOLT	5.4
14339	NOC	59.0
1433A	HANDLE RUDDER ADJ	5.0

3BB-20
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

1433B	CABLE RUDDER ADJ	129.2
1433C	CTR POST GUIDE ARM	23.4
14341	BEARING	13.0
14343	TURNBARREL	9.0
14344	GUIDE PIN	8.0
14345	PULLEY	2.0
14346	CLEVIS	2.0
14349	NOC	36.0
14350	HYD. COMPONENTS	2.0
14351	CYLINDER RUDDER ACT	441.8
14352	SERVO VALVE	73.3
14354	FILTER	6.0
14355	RELIEF VALVE	11.9
14356	HYDRAULIC TUBING	1.0
14357	HOSE,RUD HYD ACT	4.0
14359	NOC	20.0
14362	TRIM CONTROL UNIT	9.0
14363	TRIM CONTROL PANEL	43.3
14365	CIRCUIT BREAKER	0.2
14369	NOC	0.5
14500	WING FLAP SYSTEM	328.3
14510	GENERAL	130.3
14511	WING FLAP ASSEMBLY	364.3
14512	FLAP HONEYCOMB	45.0
14513	SKIN	17.7
14514	HINGE CASTING	48.0
14515	HINGE BOLT	6.4
14516	FLAP LEADING EDGE	0.3
14517	FLAP TRAILING EDGE	53.4
14519	NOC	60.9
1451A	BEARING,FLAP HINGE	214.3
14520	MECH. COMPONENTS	36.5
14521	CONTROL QUADRANT	15.8
14522	ROD END (TCI)	28.0
14523	ARM	15.5
14524	LIMITER	64.7
14525	ACT INTERCON CABLE	3.8

3BB-21
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

14527	ARM,TORQUE TUBE	0.1
14529	NOC	158.0
1452A	FLAP CONT INT CABLE	119.1
1452B	LINKAGE	33.0
14530	ELECT COMPONENTS	170.5
14531	ACTUATOR	734.6
14532	LIMIT SWITCH	45.7
14533	ACTUATION SWITCH	12.9
14534	RELAY	17.5
14535	CIRCUIT BREAKER	26.0
14536	BONDING JUMPER	0.5
14538	SWITCH 60 PERCENT	239.2
14539	NOC	33.0
1453A	ELECT WIRING,HRNSS	132.6
1453B	DIODE, 60% LIMIT SW	22.2
14540	INSTRUMENTATION WFS	5.3
14541	IND FLAP POSITION	39.2
14542	XMITTER,FLAP POS	11.4
14549	NOC	21.0
14600	SPEED BRAKE SYSTEM	83.0
14610	SPEED BRAKE ASSY	297.5
14611	SPEED BRAKE DOOR	124.4
14612	FRAME STRUCTURE	269.8
14614	HINGE	6.0
14616	SEAL DOOR TO ACFT	8.0
14617	ACCESS DOOR	18.8
14618	BONDING JUMPER	0.5
14619	NOC	17.8
14620	HYD. COMPONENTS	56.5
14621	CYLINDER ACTUATOR	173.3
14622	VALVE, CONTROL	13.2
14623	FLOW REG VALVE	2.0
14627	FITTING,SWIVEL	55.4
14628	HYDRAULIC TUBING	34.2
14629	NOC	17.3
14630	ELECTRICAL COMP	7.3
14631	CONTROL SWITCH	39.4

3BB-22
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

14632	CONT VALVE SOLENOID	5.5
14633	OVERRIDE RELAY	8.0
14639	NOC	1.0
23000	TURBOJET ENGINE	8,378.5
23A00	ACCESSORY DR SECT	31.0
23AA0	GEARBOX ASSY ACC	89.0
23AA9	NOC	536.4
23AAA	COVER	4.0
23AAB	CASING	6.0
23AB0	DRIVE GP AXIS A	6.0
23AC0	DRIVE GP AXIS B	0.5
23AC9	NOC	1.0
23ACB	SEAL,RUBBING FWD	8.0
23ACE	BEARING ROLLER	1.7
23BA9	NOC	2.0
23BAE	DOME,PARABOLIC	1.5
23BAF	PLUNGER,DOME	0.8
23BAG	COVER,SUMP	4.5
23BAH	SHROUD AND SEAL	102.0
23BAT	COMPRESSOR SECTION	50.0
23BB0	COMP STATOR ASSY	7.5
23BB9	NOC	24.8
23BCA	RUNNER,RUB SEAL FWD	6.0
23BCS	COMPRESSOR ROT ASSY	3.5
23BCT	BLADE,COM.STG1 (LCF	0.2
23BD0	POWER TAKEOFF ASSY	6.0
23BEN	PAD,LKGE AIR DUCT	4.0
23BET	FLANGE,FWD INNER	2.0
23BFC	BLANKET,INS LOWER	1.0
23BFD	LINER ASSY COMBUSTN	3.0
23BFJ	CASING,INNER	0.8
23BF2	SHELL, COMBUSTION LI	13.5
23CA0	TURBINE SECTION	8.0
23CA9	NOC	1.0
23CAA	CASING,UPPER	6.0
23CAB	CASING LOWR	9.5
23CAH	DEFLECTOR,COOL STG1	6.0

3BB-23
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

23CAN	NOZZLE,STG2 LOWER	8.0
23CAY	SHIELD HEAT AIS IN	3.0
23CBG	BLADE,TURB ROT STG1	3.0
23DA0	EXHAUST SECTION	1.5
23DA9	NOC	5.5
23DAA	CENT BODY,EXHAUST	32.1
23DAC	BOSS THRMOCPL	1.5
23DAE	LINER,DIFFUSER CASE	1.0
23DAF	FLAME HOLDER	18.0
23DB0	AFTERBURNER ASSY	99.3
23DB9	NOC	0.5
23DBA	CASING	2.0
23DBB	LINER (1 PIECE)	1.3
23DBC	LINER,FWD HALF	6.8
23DBD	LINER,AFT HALF	8.3
23DBJ	SUPPORT,NOZZLE	2.0
23DBK	SEAL,INNER	3.0
23DB9	NOC	2.7
23DC0	VARIABLE EX NOZ	55.6
23DC9	NOC	23.0
23DCA	HOUSING,EX NOZZLE	5.0
23DCB	RING,ACTUATOR	28.0
23DCD	LEAF,INNER	33.1
23DCE	LEAF,OUTER	1,495.6
23DCF	ROLLER	6.2
23DCG	ACTUATOR, VEN	3.0
23DCK	CASING,FLEX SHAFT 5	1.0
23DCM	CASING,FLEX SHAFT 9	6.0
23DCN	CORE,FLEX SHAFT 9	6.0
23DCP	CONDUIT,FWD FEEDBK	0.5
23DCR	UNIT, TELESCOPE	8.0
23DCS	CABLE,FEEDBACK	25.8
23DD0	POWER UNIT ASSY	42.0
23DD9	NOC	5.0
23DDA	POWER UNIT	515.6
23ddb	LINK, TURNBUKLE	2.0
23EA0	MAIN FUEL SYSTEM	23.5

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

23EA9	NOC	9.5
23EAA	MAIN FUEL CONTROL	76.2
23EAB	MAIN FUEL PUMP	27.0
23EAC	VALVE ASSY P&D	10.7
23EAE	MANIFOLD FUELNOZ LT	6.0
23EAF	NOZZLE,FUEL	6.0
23EAG	FILTER,FUEL CONTROL	4.0
23EAH	FILTER,FUEL PUMP	29.0
23EAJ	GOVERNOR,OVERSPEED	24.0
23EAK	TUBE FUEL	3.0
23EAL	HOSE FUEL	24.3
23EB0	A/B FUEL SYSTEM	36.5
23EB9	NOC	3.1
23EBA	A/B FUEL CONTROL	8.5
23EBB	A/B FUEL PUMP	8.3
23EBE	FILTER, HIGH PRESS	2.3
23EBF	SPRAYBAR,MAIN	0.5
23EBJ	MAN,FUEL PIL S/B LT	1.5
23EBN	VALVE ASSY DRAIN	4.0
23EBQ	TUBE,FUEL	2.0
23EBR	HOSE,FUEL	4.0
23FA0	ENG LUBRICATION SYS	18.8
23FA9	NOC	91.6
23FAA	PUMP,LUBE AND SCAVEN	39.0
23FAB	FILTER,LUBE SYSTEM	456.3
23FAC	COOLER, OIL	17.8
23FAD	THERMOSTAT OIL COOL	4.0
23FAE	TUBE,SCAV AND AIR	9.1
23FAF	TUBE , SCAV AND LUBE	25.6
23FAG	TANK ASSY,OIL	81.9
23FAH	VLV,REL,OIL TANK PR	92.5
23FAK	FILL CAP,OIL TANK	71.3
23FAL	PLUG DRAIN,OIL TANK	306.0
23FAM	FILL TUBE, OPP HAND	1.5
23FAN	VALVE, DRAIN	0.5
23FAP	SPOUT,DRAIN	12.0
23GA0	AIR SYSTEM	4.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

23GA9	NOC	18.5
23GAA	DUCT AIR,8TH STG	28.2
23GAB	VLV AIR CK, 8TH STG	47.1
23GAG	TUBE,LOWER BLEED LH	3.5
23GAJ	DUCT AIR	4.5
23GAL	TUBE, CONN ASPIRATOR	0.3
23HA0	IGNITION AND ELE SY	102.6
23HA9	NOC	95.0
23HAA	EXCITER IGNITION	22.5
23HAB	LEAD,MAIN IGNITION	38.0
23HAC	LEAD,A/B IGNITION	66.5
23HAD	PLUG,MAIN IGNITER	219.6
23HAE	PLUG,A/B IGNITER	165.5
23HAF	LEAD,THERMOCOUPLE	11.3
23HAH	TACHOMETER GENERT	36.0
23HAJ	XMITTER,NOZ POS	62.9
23HAK	AMPLIFIER, T 5	207.5
23HAL	MOTOR, T5	24.0
23HAM	SENSOR T 2	6.0
23HAN	BOX,JUNCTION	33.8
23HAQ	HARNESS,WIRING	99.7
23HAR	HARNESS, THERMO RT	6.6
23HAS	HARNESS,THERMO LT	4.0
23HAT	VALVE,ANTI ICING	12.0
23JA0	VARIABLE GEOMETRY	0.7
23JA9	NOC	1.5
23JAA	VANE,INLET GUIDE	6.0
23JAB	ACTUATOR,IGV	2.0
23JAC	RING ASSY,ACTUATOR	3.0
23JAG	ARM,ACTUATOR(BLCRK)	2.0
23JAK	HOSE,FUEL ACTUATOR	4.0
23JAM	VALVE ASSY,COMP BLD	8.5
23K00	ENG AND QEC ASSY	225.5
23KA2	BALL, TRUNNION	2.0
23KA9	NOC	7.5
23KA0	QEC	2.0
23KAA	MAINFOLD, FUEL DRAIN	17.2

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

23KAB	TUBE,FUEL DRAIN	7.2
23KAC	HOSE,FUEL DRAIN	9.1
23KAD	MAINFOLD, FUEL INLET	20.0
23KAE	MANIFOLD,CABIN COND	5.5
23KAG	MOUNT ASSY FRONT	215.9
23KAM	ROLLER ASSY, REAR	2.2
23KAN	MOUNT,TRUNION	18.0
23KAQ	CONTROL,REM SP ADJ	13.3
23KAR	INLET,AIR INDUCTION	61.5
23KAS	SHROUD, INSULATION	0.5
23KAT	BLANKET,INSULATION	0.5
23KAU	T2 SENSOR HOSE	4.0
23KAV	DUCT,CABIN COND	19.0
23KB0	THROTTLE SYSTEM	64.5
23KB9	NOC	8.7
23KBA	PUSH PULL,THROT CON	120.7
23KBC	CASE	3.0
23KBD	GUIDE	14.0
23KBE	CABLE ASSY	27.5
23KBF	SPRING	5.0
23KBG	TUBE	387.4
23KBJ	DISCONNECT RD END	1,629.0
23KBL	BRACKET	2.0
23KC0	AIR START SYSTEM	3.0
23KC9	NOC	26.3
23KCA	VALVE,START AIR DIV	114.5
23KCB	INLET,START AIR	98.7
23KCE	HEAT SHLD,AIR DIV	3.0
23KCF	BODY,AIR DIVERTER	0.5
23KD0	INSTRUMENTATION	126.2
23KD9	NOC	44.7
23KDA	TRANSMITTER,OIL PR	55.8
23KDB	TRANSMITTER,FUEL FL	499.8
23KDC	INDICATOR,A/B NOZPO	46.5
23KDD	INDICATOR,EGT MASTR	563.4
23KDE	INDICATOR,EGT REPET	109.2
23KDF	INDICATOR,TACH	169.9

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

23KDG	PROBE THRMCPLE	2.0
23KDH	CONNECTOR	54.8
23KDJ	SWITCH RESET	4.5
23KDK	INDICATOR,OIL PRESS	130.7
23KDL	AUTO/TRANSFORMER	1.0
23KDM	TRIMMER,EGT IND	123.4
23KDN	SWITCH,TRIMMER	28.8
23KDP	RESISTOR TRIMMER	5.0
23KDS	MONITOR, ENG LIFE	1.0
41000	AIR COND PRESS	511.8
41110	GENERAL	71.0
41111	CHECK VALVE	84.4
41112	VALVE,SHUTOFF	362.7
41113	VALVE DRAIN	4.0
41114	RAM AIR INLET	20.2
41119	NOC	42.5
41120	CABIN PRESS SYSTEM	170.5
41121	VALVE, RAM AIR	345.8
41122	SAFETY VALVE	28.5
41123	PRESS REGULATOR	82.7
41129	NOC	26.7
41130	CABIN AIR COND SYST	241.0
41131	TURBINE	247.7
41132	HEAT EXCHANGER	6.0
41133	SEPARATOR WATER	100.5
41134	COALESCER BAG	277.5
41135	ANTI ICE VALVE	11.5
41136	BRACKET	22.5
41137	DRAIN LINE	10.2
41138	MODULATING VALVE	45.3
41139	NOC	83.2
4113A	PACKAGE CABIN AIR	344.2
4113B	STRAINER ELEMENT	10.5
4113C	HSNG AND COVER	50.1
4113D	CONTROL	9.8
41140	CABIN A/C SYS GRPII	106.3
41141	TEMP CONT SWITCH	6.0

3BB-28
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

41143	TEMP SELECTOR	1.7
41144	TEMP CONTROLLER	34.6
41145	UNIT SENSOR	50.4
41146	DUCTING AIR DISTR	84.7
41147	DIRECTIONAL OUTLET	18.2
41148	CONN SLIP JT DUCT	55.7
41149	NOC	36.9
4114A	BLANKET INSULATION	23.8
41150	W/S AND C/DEFOG SYS	47.0
41152	FLOW CONT VALVE	23.6
41153	TEMP SENSOR	2.5
41154	FLOW CONTROL	10.0
41155	W/S DEFOG DUCT	13.2
41156	DEFOG DUCT	47.3
41157	OVERHEAT SENSOR	1.0
41158	AIR NOZZLE	2.5
41159	NOC	20.2
4115A	CANOPY DEFOG SEAL	13.0
4115B	SELECTOR DEFOG FLOW	32.2
41160	W/S AND C/SEAL SYS	21.4
41161	SEAL ASSY, CANOPY	253.6
41162	VALVE,SOL CONT	63.4
41165	CONTROL SWITCH	1.0
41166	WINDSHLD SEAL ASSY	42.2
41169	NOC	45.3
41200	AUX PRESS AND COOL	10.5
41210	ANTI-G SUIT SYSTEM	22.1
41211	QUICK DISCONNECT	13.2
41212	VALVE,REGULATOR	90.0
41214	FLEXIBLE HOSE	55.7
41219	NOC	22.7
41221	VALVE,AIR REGULATOR	15.0
41225	AIR FILTER	78.8
41226	VENT FILTER	9.0
41229	NOC	6.0
41230	NOSE EQUIP COOL SYS	16.0
41231	RAM AIR INLET	3.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

41232	BLOWER MOTOR NOSE	7.5
41234	CHECK VALVE	6.2
41235	EQUIP RAM AIR VALVE	16.5
41237	STATIC AIR SENSOR	3.5
41238	AIRFLOW DIST DUCT	30.0
41239	NOC	3.5
4123A	ACTUATOR GR C00 DR	22.1
4123B	DOOR,BLOWER	7.0
41240	AFT BAY EQ COOL SYS	8.6
41243	RAM AIR VALVE	5.3
41244	DUCTING	65.5
41249	NOC	10.0
41300	SURFACE ICE CONTROL	16.5
41310	ENG ANTI-ICE SYSTEM	9.0
41316	CONTROL SWITCH	2.0
41318	CIRCUIT BREAKER	2.9
41319	NOC	19.2
41322	SENSOR, TEMPERATURE	3.5
41324	RELAY, CONTROL	8.0
41329	NOC	3.8
41400	CABIN PRESS INSTR.	8.7
41411	ALTIMETER CABIN PR	64.7
42000	ELECT POWER SUPPLY	339.4
42100	AC ELECT SYSTEM	209.7
42119	NOC	73.0
4211A	GENERATOR L/H	1,101.0
4211B	TRANSFORMER CURRENT	28.3
4211C	REGULATOR VOLTAGE	575.1
4211D	PANEL PROTECTION	997.4
4211E	BUS CONTACTOR	265.5
4211F	FREQ SENSOR	75.4
42129	NOC	62.0
4212A	GENERATOR R/H	536.5
4212C	REGULATOR VOLTAGE	118.2
4212D	PANEL PROTECTION	222.9
4212E	BUS CONTACTOR	64.9
4212F	FREQ SENSOR	28.2

3BB-30
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

42130	GENERAL	11.1
42131	RELAY	72.3
42132	TERMINAL	655.0
42133	FUSE PANEL	6.3
42134	FUSE	6.5
42135	CONN PLUG	8.0
42136	CIRCUIT BREAKER	1,797.1
42137	WIRING HARNESS	51.4
42139	NOC	117.7
4213A	SPINDLE	0.5
4213E	DUCT,COOLING	6.0
4213F	STATOR	1.0
4213G	ROTOR	2.0
42200	DC ELECT SYSTEM	19.8
42210	GENERAL GROUP I	134.1
42211	BATTERY P/N 23729-1	182.0
42212	TRANSFORMER RECT	96.0
42213	CONTROL SWITCH	20.0
42214	BATTERY RELAY	7.2
42215	INVERTER STATIC	54.9
42216	NOISE FILTER	3.7
42218	RELAY	47.5
42219	NOC	17.0
4221A	BATTERY P/N 30030	140.5
4221B	BATTERY (SLAB) P/N M	69.4
4221D	ELECTRICAL WIRING/CO	13.3
42220	GENERAL GROUP II	6.0
42221	FUSE PANEL	4.5
42222	FUSE	19.5
42226	CONNECTOR PLUG	9.0
42227	CIRCUIT BREAKER	52.3
42228	WIRING HARNESS	16.0
42229	NOC	9.8
42311	EXT POWER RECEPT	4.0
42312	EXT POWER RELAY	1.0
42313	MOUNTING BRACKET	5.0
42314	CIRCUIT BREAKER	60.8

3BB-31
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

42315	WIRING HARNESS	5.8
42316	CONTACTOR	34.5
42319	NOC	7.8
44000	LIGHTING SYSTEM	332.8
44110	EXTERIOR LIGHTS	25.3
44111	POSITION LIGHT	129.6
44112	FORMATION LIGHT	24.3
44113	ANTI COLLISION (UPPE	254.5
44114	LIGHT LANDING TAXI	311.3
44115	ANTICOLLISION LOWER	279.8
44119	NOC	15.7
44210	INTERIOR LIGHTS	61.2
44211	RED FLOOD LIGHT	94.3
44212	INSTRUMENT LIGHT	112.2
44213	PANEL,LIGHTED EDGE	135.3
44214	UTILITY LIGHT	151.5
44219	NOC	42.4
44310	CAUTION LIGHTS	46.3
44311	MASTER CAUTION	295.3
44312	PANEL,WORD CAUTION (16.7
44313	PANEL WORD CAUTION (237.6
44319	NOC	12.5
44511	BRIGHT DIM SWITCH	6.2
44512	AUTOTRANSFORMER	10.0
44513	LIGHT TEST SWITCH	4.2
44516	CONTROL PANEL FRNT	70.0
44517	CONTROL PANEL REAR	27.2
44519	NOC	10.2
44521	RELAY	23.0
44525	WRNG HARNESS,CONN	14.4
44529	NOC	1.3
45000	HYD PNEUMATIC POWER	828.3
45100	HYD POW SUP COMP	88.4
45110	GENERAL	67.0
45111	TANK HYDRAULIC	106.6
45112	HYD FILLER CAP	36.8
45113	HYD SIGHT GAGE	9.8

3BB-32
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

45115	LINES/TUBING	372.1
45117	HYD DRAIN VALVE	11.0
45118	GROUND TEST ADAPTER	4.0
45119	NOC	85.1
4511A	HYD CHECK VALVE	4.0
4511B	BELLOWS	95.3
45120	PUMP SYSTEM	195.7
45121	PUMP,HYD FL SYS TCI	158.5
45122	PUMP,HYD UT SYS TCI	177.5
45123	HOSE PRESSURE	32.3
45124	ELEMENT FILTER	266.8
45125	SUPPLY HOSE	49.0
45129	NOC	68.8
45130	PRESSURE INDICATING	32.2
45131	PRESSURE MANIFOLD	76.7
45132	PRESSURE SWITCH	125.4
45134	WARNING LAMP	1.0
45135	IND HYDRAULIC SYST	83.2
45136	XMITTER,FLIGHT SYS	75.7
45137	SWITCH H T SENSOR	73.0
45138	TUBING HI TEMP	26.3
45139	NOC	13.2
4513A	TRANSMITER HYD UTIL	46.4
46000	FUEL SYSTEM	301.0
46100	FUEL SYSTEM COMP	73.7
46110	GENERAL	56.5
46111	PUMP BOOSTER	86.6
46112	FUEL MANIFOLD	237.5
46113	FUEL INTERCONNECT	165.2
46114	FUEL FILLER CAP	11.0
46115	LINE TANK TO ENG	22.0
46116	HOSE, TANK TO ENG	6.0
46119	NOC	42.4
46120	TANK	285.5
46121	FWD DORSAL TANK	28.1
46122	AFT DORSAL TANK	30.6
46123	TANK,FWD FUSELAGE	232.0

3BB-33
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

46124	CENTER FUSELGE TANK	185.5
46125	TANK AFT FUSELGE	637.0
46126	INVERTED FLT CELL	56.4
46127	CELL RETAINING CAP	0.5
46129	NOC	260.9
4612A	CELL SUPPORT LACING	18.8
46130	FUEL VALVES	11.5
46131	ACTUATOR, VALVE (SHU	28.3
46132	DRAIN VALVE	88.6
46133	ACTUATOR, VALVE (CRO	48.9
46135	DIVE VENT VALVE	0.5
46136	VALVE, PUMP DISCHARG	2.0
46137	CROSSFEED VALVE	45.1
46138	SHUTOFF VALVE	99.4
46139	NOC	12.8
46140	FUEL VENTS	7.8
46142	CONNECTOR VENT	3.8
46144	PRESS RELIEF VALVE V	13.0
46145	SLEEVE	30.0
46149	NOC	3.0
46200	PRESS REFUEL SYSTEM	3.0
46210	GENERAL	3.0
46211	FILLER NOZZLE ADAPT	19.3
46212	LEVEL CONTROL VALVE	20.0
46213	MANUAL SELECT VALVE	61.8
46215	ADAPTER DRAIN VALVE	23.0
46310	FILTRATION FUEL STR	124.0
46312	CAP LATCH	1.5
46313	FILTER ELEMENT	47.5
46314	RELIEF VALVE BYPASS	26.7
46315	STRAINER CASE	0.5
46316	STRAINER INLET	4.2
46319	NOC	1.4
46400	ELECTRICAL COMPON	13.8
46410	GENERAL	11.8
46411	CONTROL PANEL	18.8
46412	CONTROL SWITCH	642.2

3BB-34
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

46413	CIRCUIT BREAKER	680.4
46415	BOOST PUMP OFF LAMP	2.0
46416	CROSSFEED ON LAMP	15.8
46417	EMERG FUEL OFF SW	60.4
46418	LOW LVL WARNG LAMP	11.3
46419	NOC	13.3
4641A	LO PRESS WARNG LAMP	7.0
4641B	SWITCH LOW PRESS WA	55.5
4641C	ELECT WIRING CONN	63.2
46600	INSTRUMT. FUEL SYS.	131.4
46611	INDICATOR MASTER	574.7
46612	INDICATOR REPEATER	273.7
46613	PROBE TANK	499.4
46614	SWITCH TEST	3.8
46616	CABLE,COAXIAL	14.0
46619	NOC	35.8
4661A	COMPENSATOR CABLE	3.5
46800	FUEL FLOW SYSTEM	88.8
46811	INDICATOR FUEL FLOW	949.4
46812	AUTOTRANSFORMER	3.8
46819	NOC	27.5
47000	OXYGEN SYSTEM	216.5
47100	OXYGEN SUPPLY	36.2
47110	GENERAL	28.3
47111	CONVERTER OXY	152.4
47112	COMBINATION VALVE	64.5
47113	VENT	15.3
47114	MANIFOLD TUBING	21.0
47115	REGULATOR,OXYGEN	305.1
47116	HOSE ASSY Q/D OXY	26.9
47117	DRAIN VALVE	9.3
47118	HOSE FLEX (OXY)	44.3
47119	NOC	25.8
4711A	VALVE RELIEF	4.0
47200	SYSTEM INSTRUMENTAT	9.6
47211	IND OXYGEN MASTER	343.4
47212	IND OXYGEN REPEATER	9.4

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

47219	NOC	18.1
49000	MISC UTILITIES	2.0
49100	FIRE DETECTION SYS	16.3
49110	GENERAL	4.8
49114	FIRE WARNING LAMP	73.0
49116	CIRCUIT BREAKER	0.5
49119	NOC	5.5
4911A	QUICK DISC ELECT	4.5
4911E	SENSOR, ENGINE FWD	7.0
4911F	SENSOR, R/H AFT	59.9
4911H	CLIP, SENSOR	24.0
4911J	HARNESS	13.6
4911K	SENSOR, L/H AFT	0.3
51000	INSTRUMENT GENERAL	825.4
51100	FLT INSTRUMENTATION	15.3
51110	GENERAL	29.0
51111	ACCELEROMETER	710.4
51112	AIRSPED MACH IND	485.3
51113	ALTIMETER	436.7
51114	VERT VELOCITY IND	104.1
51115	INDICATOR TURN &SL	26.9
51116	ALTIMETER 19A	372.7
51119	NOC	13.3
51120	PITOT STATIC SYST	50.3
51122	PITOT PRESS BOOM	67.2
51123	STATIC PORT	12.8
51125	LINES HOSES	170.8
51126	(USE CODE 13324)	38.0
51127	(USE CODE 13325)	42.2
51128	DRAIN	10.0
51129	NOC	31.0
51200	NAV INST	84.2
51210	GENERAL GROUP I	79.9
51211	CLOCK	129.2
51212	STNDBY MAG COMPASS	217.9
51213	HORZ SITUATION IND	1,164.6
51214	SERVO AMPLIFIER	207.4

3BB-36
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

51215	MAG AZIMUTH DET	56.6
51216	ATTITUDE DIRECT IND	478.6
51217	COMPUTER	45.6
51218	GYRO PLATFORM	549.8
51219	NOC	69.0
5121A	ASSY AZIMUTH SERVO	3.3
5121B	ASSY POWER SUPPLY	3.5
5121C	ASSY AMP SLAVING	2.2
5121D	GYRO DIRECTIONAL	2.7
5121E	AZIMUTH AMPLIFIER	2.0
5121J	COMPENSATOR, DETECT	8.5
5121K	ELECT WIRING/CONNEC	15.1
51220	GENERAL GROUP II	11.7
51221	RATE GYRO	70.6
51222	POWER ADAPTER	12.0
51223	FUSE	6.5
51224	CIRCUIT BREAKER	18.7
51225	TRANSFER RELAY BOX	13.2
51226	LATITUDE CONTROL	0.6
51227	GYRO RATE SWITCHING	410.0
51229	NOC	2.0
5122A	ELECT WIRING/CONNEC	21.7
51230	GENERAL GROUP III	0.3
51231	FLT DIRECT MODE SW	6.0
51232	RELAY,COURSE DEV	2.7
51235	RELAY,SPECIAL MODE	1.7
51236	INDICATOR,STBY ATT.	56.0
51239	NOC	1.0
5123A	ELECT WIRING/CONNEC	5.3
51300	A0A SYSTEM	46.1
51319	NOC	18.4
5131A	COMPUTER CPU/115A	226.5
5131B	IND DIAL ARU 26/A	139.3
5131C	INDEXER ARU 27A	213.0
5131D	TRANSMITTER	73.2
5131E	SWITCH DIM	4.3
5131F	SYNCHRO FLAP	139.3

3BB-37
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

5131G	POWER SUPPLY	4.0
5131K	PANEL, PROTECT	0.8
5131J	COMPUTER, CPU/115A	49.9
5131L	AUTOTRANSFORMER	2.0
52000	AUTO PILOT	32.4
52100	AUTO FLT SYSTEM	92.2
52110	STAB AUG SYS GP I	259.3
52111	AIRSPEED COMPENSATR	217.9
52112	GYRO,YAW RATE	158.9
52114	CONTROL PANEL	60.3
52116	HYD SHUT OFF VALVE	35.0
52117	YAW AXIS ACTUATOR	229.1
52118	SERVO VLVE YAW AXIS	6.0
52119	NOC	81.0
52120	STAB AUG SYS GP II	11.1
52121	CALIBRATION MODULE	17.7
52122	YAW POWER MODULE	2.0
52123	YAW SERVO MODULE	3.0
52124	YAW SHA TRA MODULE	19.7
52128	CIRCUIT BREAKER	7.7
52129	NOC	8.5
5212A	STAB AUG COMP ASSY	15.3
52130	STAB AUG SYS GP III	73.0
52132	FILTER ELEMENT	48.5
52133	BOX ASSY ECA	191.5
52135	CONNECTORS,DISC	26.0
52136	WIRING HARNESS	1.0
52137	HYDRAULIC TUBING	1.0
52138	HOSE,HYDRAULIC	13.7
52139	NOC	1.2
63000	UHF COMM SYSTEM	310.7
63B00	RADIO (AN/ARC 164B)	95.2
63BB0	TRANSCVR (RT 1168B)	577.1
63BB9	NOC	10.9
63BBA	UNIT, SWITCHING	19.0
63BBB	MEMORY CARD	1.0
63BBC	HARNESS, INTERCONCT	2.8

3BB-38
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

63BBH	MAIN RX (R 1977A)	3.6
63BBJ	GUARD RX (R 1976)	2.9
63BBK	TRANSMITTER	7.0
63BBL	XMITTER CARD	3.0
63BBM	PWR SUPPLY, D C	0.3
63BBN	MODULATOR CARD	0.5
63BBP	CONTROL (C 9533)	81.1
63BBR	SWT UNIT (SA 2061A)	8.0
63BBS	MEMORY CARD	9.2
63BC0	COMPONENTS	2.5
63BC9	NOC	5.0
63BCA	ANTENNA (UPPER)	16.0
63BCB	ANTENNA (LOWER)	53.1
63BCE	COAXIAL CABLE	2.0
63BCG	SWITCH, TRANSFER	21.5
63BCH	SWITCH, ANTENNA	2.0
63BCJ	BOX, RADIO INTERCON	65.2
63BCK	SWT, RF (SA 521/A)	2.7
63BCL	ELECT WIRING/CONNEC	12.5
64000	INTERPHONE SYSTEM	77.0
64B00	AN/AIC 18	171.0
64BA9	NOC	9.8
64BAA	PANEL CONTROL	280.4
64BAB	AMPLIFIER MIC	18.3
64BAC	AMPLIFIER HD ST	13.5
64BAD	ADAPTER HEADSET	53.0
64BAE	SWITCH MIC T Q	47.5
64BAF	RECEPTACLE GRND	2.0
64BAG	FILTER	12.0
64BAH	QUICK DISCONCT	138.9
64BAJ	MOUNT ASSY	11.1
64BAK	WIRING	14.2
65000	IFF SYSTEM	36.7
65A00	IFF SIF AN/APX46	3.7
65AA0	REC TRANSMTTR RT55	8.6
65AA9	NOC	1.5
65AAC	CODER	3.0

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

65AAF	POWER SUPPLY	0.5
65AAL	CONTROL,SIF(C1128)	4.7
65AAM	CONTROL,IFF(C1158)	5.0
65AAN	ANTENNA	2.6
65AAP	COAXIAL CABLE	2.0
65BA9	NOC	2.0
65B00	IFF AN/APX44	2.0
65BA0	REC XMTTER(RT 494)	1.0
65BAA	CONTROL(C2714)	7.2
65BAB	ANTENNA	4.0
65BAD	MOUNT ASSY	1.0
65C00	AIMS AN/APX 64	335.6
65CA0	REC XMTTER(RT727)	218.4
65CA9	NOC	419.4
65CAA	CHASSIS (CH549)	2.2
65CAF	GENERATOR	3.0
65CB0	COMPONENTS	152.1
65CB9	NOC	17.3
65CBA	ANTENNA	12.5
65CBB	CONTROL (6280)	195.2
65CBC	TEST SET	73.7
65CBD	MOUNT	1.5
65CBE	COAXIAL CABLE	2.0
65CBF	COMPUTER	377.6
65CBG	RECEPTACLE TEST	1.3
65CBH	BREAKER CIRCUIT	6.2
71000	VHF NAVIGATION SYS	35.2
71B00	LOCALIZER ARN58	35.2
71BA0	RECEIVER (R 843)	45.7
71BA9	NOC	3.0
71BAF	ANTENNA(VHF)	1.0
71BAG	CONTROL (ILS)	58.8
71BB0	RECEIVER (R 844)	81.3
71BB9	NOC	0.5
71BBF	ANTENNA MARK BEACON	3.0
71BBG	ANTENNA GLIDE SLOPE	5.5
71D00	ILS AN/ARN-147	21.6

3BB-40
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

71DA0	RECEIVER	227.0
71DA1	CONTROL	199.6
71DA3	ANTENNA LOCALIZER	3.0
71DA4	ANTENNA MARKER BEA.	126.4
71DA5	ANTENNA GLIDESLOPE	1.5
71DA6	ELECT WIRING/CONNEC	6.8
71DA9	NOC	3.8
71DAD	MARKER BEA.RECEIVER	4.2
71DAE	MARKER BEA.INSTRUM.	7.0
3210	BASIC POSTFLT	1.5
3230	225 HR POSTFLIGHT	16.5
4119	OIL FUEL SUMPS DRND	1.0
0411D	OIL SAMPLING	0.2
0412A	SEAT OR EMER SYS CK	1.5
0412J	AFT FUSELGE SECT CK	2.0
4131	ENGINE CHANGE INSP	2.4
4139	ENG TRIM CHECK	7.5
0413C	ENG AIR INLT INSP	9.7
4142	ENG BAY INSP	0.7
4143	AIR CONDITIONING CK	0.5
0418B	OVERHEAT AND FIRE	0.4
4194	GEARBOX CHK	0.5
4199	SPECIAL INSP NOC	4.0
4230	ALIGMT SYM CHECK	0.4
9000	SHOP SUPPORT GEN	9.0
11000	AIRFRAME	2.5
11119	NOC	1.8
11211	CANOPY ASSEMBLY	2.0
11317	SUPPORT	4.0
11411	DOOR ASSY NOSE GEAR	2.0
11421	DOOR,MAIN GEAR	4.2
11431	DOOR ASSY ATTACHED	11.0
11512	NOSE DOOR HINGE	0.4
11513	DOOR,NOSE ACCESS	0.7
1151E	DOOR, COMM/NAV MXU	0.5
11525	STEP	0.5
11526	DOOR, ACCESS	2.0

3BB-41
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

11534	SUPPORT BEAM	0.4
11536	DOOR, ACCESS	15.2
11561	AFT FUSELAGE ASSY	6.0
11563	FIREWALL	3.0
11569	NOC	4.1
11612	WING SKIN	0.5
11618	WING ACCESS DOOR	1.0
11619	NOC	1.7
11714	OIL FILTER	20.0
11719	NOC	2.0
12120	SEAT GROUP I	1.5
12121	SEAT ASSY	3.3
12127	ADJUSTER ACTUATOR	0.3
12137	SEAT LAP BELT	4.0
12167	CONTAINER D CHUTE	8.0
12210	GENERAL	0.5
1221A	PANEL, TRIM	0.5
12237	SEAT LAP BELT	3.8
1224A	HARNESS 0101427-114	0.5
12250	SEAT GROUP IV	0.5
12260	SEAT GROUP V	2.5
13000	LANDING GEAR	1.8
13111	MAIN GEAR STRUT	0.2
13112	TRUNNION MLG (TCI)	0.4
13119	NOC	10.0
1311A	FITTING(SBRACE CYL)	8.0
13210	MECH COMP GROUP I	0.5
13600	BRAKE SYSTEM	20.0
13619	NOC	2.0
13800	WHEELS AND TIRES	11.0
13821	WHEEL	2.0
13831	MAIN GEAR TIRE	3.0
14000	FLIGHT CONTROLS	7.0
14111	AILERON ASSEMBLY	11.5
14119	NOC	6.0
14127	DRIVE ROD	1.0
14200	HORIZ. STABILIZER	47.9

3BB-42
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

14211	HORIZ STABILIZER	3.0
14228	CABLE ASSEMBLY	6.0
14229	NOC	1.0
14251	ACTUATOR CYLINDER	0.8
14300	RUDDER SYSTEM	1.5
1433C	CTR POST GUIDE ARM	5.8
14510	GENERAL	1.0
14600	SPEED BRAKE SYSTEM	1.0
14610	SPEED BRAKE ASSY	4.5
23000	TURBOJET ENGINE	17.9
23DDA	POWER UNIT	1.2
23EA0	MAIN FUEL SYSTEM	1.0
23EAA	MAIN FUEL CONTROL	1.3
23KAG	MOUNT ASSY FRONT	0.2
23KBG	TUBE	0.7
23KD0	INSTRUMENTATION	0.9
23KDB	TRANSMITTER,FUEL FL	4.6
23KDU	ELECTRONIC ENGINE DI	1.5
41134	COALESCER BAG	10.0
41156	DEFOG DUCT	1.0
42000	ELECT POWER SUPPLY	54.8
42100	AC ELECT SYSTEM	0.8
4212C	REGULATOR VOLTAGE	1.4
42132	TERMINAL	0.9
42136	CIRCUIT BREAKER	0.2
42200	DC ELECT SYSTEM	1.0
4221B	BATTERY (SLAB) P/N M	2.5
4221D	ELECTRICAL WIRING/CO	7.2
42314	CIRCUIT BREAKER	0.2
44111	POSITION LIGHT	0.5
44113	ANTI COLLISION (UPPE	1.0
44114	LIGHT LANDING TAXI	3.0
44211	RED FLOOD LIGHT	0.5
46100	FUEL SYSTEM COMP	18.0
46412	CONTROL SWITCH	1.0
46413	CIRCUIT BREAKER	0.8
46417	EMERG FUEL OFF SW	0.2

3BB-43
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

46600	INSTRUMT. FUEL SYS.	2.0
46800	FUEL FLOW SYSTEM	2.9
47115	REGULATOR,OXYGEN	0.9
51100	FLT INSTRUMENTATION	1.0
51111	ACCELEROMETER	0.2
51113	ALTIMETER	1.0
5111A	INDICATOR, AIRSPEED	1.0
5111C	INDICATOR, ALTIMETER	5.5
51240	GENERAL	2.2
51241	MISSION DISPLAY PROC	1.4
51247	UP FRONT CONTROL PAN	1.7
51248	MULTI-FUNCTION DISPL	3.6
51249	NOC	0.8
52130	STAB AUG SYS GP III	80.7
55AB0	VIDEO TAPE RECORDER	0.8
63B00	RADIO (AN/ARC 164B)	1.0
63BCB	ANTENNA (LOWER)	0.7
63D00	UHF RADIO SYSTEM	3.4
63DD0	UHF COMM TRANSCEIVER	5.2
64C00	AUDIO INTERCOM SYSTE	2.2
64CC0	ELECTRICAL WIRING/CO	4.5
65D00	TCAS II SYSTEM	7.4
65DA0	TCAS II PROCESSOR (P	0.2
71000	VHF NAVIGATION SYS	4.1
71EA0	EGI/INS (W/RADAR ALT	2.2
71F00	VOR/ILS/DME RADIO NA	20.5
71FA0	DME TRANSCEIVER (P/N	3.8
71FB0	VHF NAV (VOR/ILS) RE	3.3
71FC0	NAV CONTROL UNIT (P/	0.3
71Z00	RADIO ARN 118	148.5
71ZA0	R-T (RT 1159/A)	174.3
71ZA9	NOC	1.0
71ZAB	CHASSIS (R-T) (A18)	6.0
71ZAC	PLUG, ELE	8.0
71ZAD	CONTROL, BRG. (A1)	7.0
71ZAE	VARI LOOP BRG. (A2)	0.3
71ZAG	CONT. OUTPUT (A4)	4.4

3BB-44
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

71ZAK	CONTROL, DIST. (A7)	5.0
71ZAR	POWER SUPPLY (A13)	0.3
71ZAS	RECEIVER (A14)	2.0
71ZAT	SYNTHESIZER (A15)	0.7
71ZAU	TRANSMITTER (A16)	2.2
71ZB0	CONVERTER, DIG/ANA	80.9
71ZBD	BEARING 2 (A4)	0.5
71ZC0	MOUNT (MT 4681/A)	31.7
71ZD0	CONTROL UNIT(C9603	116.6
71ZD9	NOC	1.0
71ZDC	PANEL,EDGE LIT	4.0
71ZDD	KNOB	1.0
71ZH9	NOC	2.7
71ZHA	ANTENNA (LOWER)	9.7
71ZHB	ANTENNA (UPPER)	8.8
71ZHG	SWITCH, NAV MODE	2.0
71ZHJ	CABLE, COAX	2.0
91111	SURVIVAL KIT	7.4
91112	CONTAINER SUR KIT	8.5
91119	NOC	3.0
96000	PERSONNEL EQUIPMENT	18.0
96100	GENERAL	1.0
96119	NOC	0.3
96120	COMMUNICATIONS	3.0
96131	ANTI G SUIT	1.5
96139	NOC	2.0
97A00	EGRESS SYSTEM	5.0
97AA9	NOC	4.0
97AAA	ACTUATOR, ROT.(TCI)	73.0
97AB9	NOC	7.5
97ABC	CATAPULT,CKU7/A TCI	100.5
97AC0	INITIATORS	0.2
97AC9	NOC	422.0
97ACC	INITIATOR,M27 (TCI)	57.5
97ACD	INITIATOR,M31 (TCI)	3.0
97ACJ	HOSE BALLISTIC INITI	403.0
97ACL	INITIATOR M53 (TCI)	4.0

3BB-45
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BB
T-38 WORKLOAD DATA

F41689-01-C-0029

97ACM	INITIATOR BPIR(TCI)	53.8
97ACN	INITIATOR 1007-4	126.1
97ACP	INITIATOR 1010-4	119.5
97ACQ	INITIATOR 1139-5	141.3
97AD0	THRUSTERS	10.0
97AD9	NOC	3.0
97ADE	HOSE BALLISTIC THRUS	14.5
97ADF	THRUSTER,M25A1(TCI)	56.1
97AEA	CARTGE DR GUN (TCI)	26.0
		246,083.9
	SHEPPARD T-38	
	ON/OFF MMH	246,083.9
	General Support	84,764.1
	Flying Hours	40,278.0
	Assigned Aircraft	98.0
	Maintnenance ManHours Per Flying Hour	8.2

APPENDIX 3BC
AT-38 WORKLOAD DATA

		SCHED & UNSCHED
WORK UNIT CODE	NOUN	MMH
11526	DOOR ACCESS	4.0
1152L	FLOOR, FUEL CELL	11.5
11817	THROTTLE CABLE	2.3
14000	FLIGHT CONTROLS	1.0
14242	CABLE DISCONNECT	0.8
14336	CABLE ASSEMBLY	0.8
23000	TURBOJET ENGINE	2.0
4221A	BATTERY P/N 30030	1.5
46000	FUEL SYSTEM	1.0
46111	PUMP BOOSTER	5.0
46113	FUEL INTERCONNECT	10.0
46125	TANK AFT FUSELGE	18.8
46126	INVERTED FLT CELL	9.0
46129	NOC	5.0
46137	CROSSFEED VALVE	5.0
46138	SHUTOFF VALVE	10.0
46412	CONTROL SWITCH	1.0
3100	PREFLIGHT INSP	12.0
3200	THRU FLIGHT	9.0
3210	BASIC POSTFLT	9.7
3215	COMBINED PRE/POST	12.5
3230	225 HR POSTFLIGHT	182.1
3400	PERIODIC INSPECTION	4,235.3
4112	ACCEPTANCE INSECT	19.0
4114	EXCESS G LOAD INSP	491.3
0411D	OIL SMPG SPCTR ANAL	1.4
0411K	GROUND RECPL INSP	64.1
4122	LANDING GEAR CHK	6.9
4123	WHL/BRAKE INSP/BLED	10.0
0412A	SEAT OR EMER SYS CK	84.1
0412J	AFT FUSELGE SECT CK	179.7
4131	ENGINE CHANGE INSP	496.5

3BC-1
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

4137	ENG COND SCHED	9.0
4139	ENG TRIM CHECK	275.8
0413C	ENG AIR INLT INSP	17.1
4140	CABIN PRESS/LK TEST	22.5
4141	CORROSION INSP	2.8
4142	ENG BAY INSP	12.2
4150	WT AND BALANCE	70.8
4170	EQUIP INVENTORY	2.3
0418B	OVERHEAT AND FIRE	458.3
4194	GEARBOX CHECK	3.7
4199	SPECIAL INSP NOC	435.1
4210	FUNCTIONAL CK FLT	14.4
4610	NDI (ALL TYPES)	781.9
4611	EDDY CURRENT	294.7
4612	MAGNETIC PARTICLE	6.0
4613	X-RAY	4.3
4614	ULTRASONIC	316.4
9000	SHOP SUPPORT GEN	6.2
11000	AIRFRAME	723.0
11100	WINDSHIELD	1.8
11111	WINDSHIELD ASSY,FT	104.1
11117	SUPPORT BRACKET	6.0
11119	NOC	58.2
11121	CRANK	8.0
11123	HINGE PIN	0.6
11125	PANEL GLASS	0.3
11126	HOLD DOWN BOLT	2.0
11131	WINDSHIELD	10.0
11211	CANOPY ASSEMBLY	284.5
11212	PANEL GLASS (TCI)	60.7
11219	NOC	5.0
11223	DRIVE MECH CRANK	4.0
11225	DRIVE MECH ROD	2.0
11226	DRIVE MECH CABLE	15.0
11227	DRIVE MECH SPRING	2.0
11229	NOC	21.1
11231	HANDLE OPERATING	13.0

3BC-2
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

11233	LOCK HOOK	10.0
11239	NOC	19.6
11244	ROD END BEARING	1.3
11247	JETTISON DAMPER	18.3
1124A	JETTISON T HANDLE	15.7
11310	STRUCTURAL	10.0
11311	CANOPY ASSY	179.1
11312	PANEL GLASS (TCI)	64.7
11317	SUPPORT	0.3
11319	NOC	1.3
1131A	BLIND FLYING HOOD	0.2
1131C	SEAL,CANOPY DISCONN	2.0
11325	DRIVE MECH ROD	3.3
11326	DRIVE MECH CABLE	35.3
11329	NOC	3.0
11331	HANDLE OPERATING	9.0
11332	LOCK DRIVE ROD	0.3
11333	LOCK HOOK	10.2
11339	NOC	3.0
1133B	LIGHT CANOPY UNLOCK	10.5
11347	DAMPER JETTISON	12.9
11348	BRACKET	2.2
11349	NOC	1.0
1134A	T HANDLE	2.2
11359	NOC	1.0
11413	DOOR STRUCTURE	2.0
11419	NOC	1.0
1141A	STRUT DOOR ATTACHED	3.0
11421	DOOR,MAIN GEAR	42.7
11424	HINGE PIN	4.5
11427	DOOR LINK	10.2
11428	DOOR BRACKET	2.0
11429	NOC	6.0
11431	DOOR ASSY ATTACHED	476.0
11439	NOC	34.5
11500	FUSELAGE SECTION	704.1
11510	NOSE STA 52.5-152.5	4.5

3BC-3
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

11511	NOSE SECTION SKIN	13.7
11512	NOSE DOOR HINGE	7.5
11513	DOOR,NOSE ACCESS	14.0
11514	BALLAST	8.7
11515	ENCLOSURE ANTENNA	13.4
11517	CAMLOCK FASTENER	2.0
11519	NOC	45.2
1151B	RECEPTACLE S G	0.5
1151E	DOOR, COMM/NAV MXU	23.5
11520	CENTER STA 152-388	2.0
11521	CENTER SECTION SKIN	66.3
11523	CENTER SECT COVER	22.3
11525	STEP	21.2
11526	DOOR ACCESS	74.3
11527	SPEED BRAKE PANEL	44.5
11529	NOC	53.8
1152E	POD TRAVEL	2.0
1152K	FLOOR, COCKPIT	10.0
1152P	PYLON	224.1
1152Q	FAIRING, PYLON	1.5
11530	AFT CENTER	16.0
11531	AFT CENTER SKIN	8.0
11532	TRUNNION MOUNT	51.4
11533	TRACK,ENGINE INSTL	2.0
11534	SUPPORT BEAM	1.0
11535	AFT CENTER FIREWALL	69.5
11536	DOOR ACCESS	116.5
11539	NOC	78.6
1153A	SUCK IN DOOR	4.0
1153C	DUCT,BLEED AIR	7.0
1153E	CALFAX FASTENER	1.0
1153G	FTG UPPER LONGERON	2.0
11542	LEADING EDGE	18.5
11543	TIP PLASTIC	68.3
11546	VERT STAB SKIN	1.0
11547	VERT STAB HONEYCOMB	49.7
11548	ACCESS DOOR	34.1

3BC-4
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

11549	NOC	2.5
11550	AIR INTAKE DUCT	0.8
11556	FRAME STRUCTURE	1.0
11557	INTAKE DUCT SEAL	4.0
11560	AFT REMOVABLE FUSE.	36.8
11561	AFT FUSELAGE ASSY	1,452.6
11562	EJECTOR	88.1
11563	FIREWALL	245.6
11565	ATTACH FRAME	4.0
11566	DOOR ACCESS	350.2
11567	ANNULUS DOOR	7.3
11568	AFT FUSELAGE SKIN	18.0
11569	NOC	161.7
1156A	CAMLOCK FASTENER	2.7
1156B	CALFAX FASTENER	5.0
1156C	COVER EJECTOR	40.1
11600	WINGS	4.0
11610	GENERAL	1.3
11611	WING ASSEMBLY	53.5
11612	WING SKIN	8.5
11613	WING HONEYCOMB	10.6
11614	WING TIP	93.3
11615	WING LEADING EDGE	62.4
11617	WING SPAR	17.0
11619	NOC	204.1
1161G	WING ATCH BOLT(TCI)	57.1
1161J	BUSHING WG ATCH(TCI)	55.1
1161L	BOLT 44(WING ATTCH	15.7
1161M	FITTING 44(WG ATCH	5.0
1161N	BUSHING 44(WG ATCH	5.6
1161P	BOLT 66(WING ATCH	15.0
1161R	BUSHING 66(WG ATCH	3.5
11700	ACCESSORY DR.GEARBX	37.6
11711	GEARBOX (P/N 3-51100	185.9
11714	OIL FILTER	31.0
11716	OIL SEAL INPUT DR	30.0
11719	NOC	4.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

1171A	GEARBOX, CONVERSION	5.0
1171Y	SUPPORT GEARBOX	1.0
11720	GEARBOX PWR SHAFT	9.0
11721	QUILL SHAFT ENGINE	2.0
11725	COUPLING GEARBX END	6.0
11739	NOC	1.0
1173A	DRIVE ASSY INPUTBX	53.2
1173B	DRIVE ASSY OUTPUTBX	50.0
1173C	SHAFT ASSY INTCNTBX	9.0
11800	THROTTLE CONTROL	41.0
11810	GENERAL	3.1
11811	QUADRANT COCKPIT	49.7
11812	THROTTLE LEVER	1.5
11816	THROTTLE A/B SWITCH	3.5
11817	THROTTLE CABLE	28.0
11819	NOC	6.0
1181F	FAIRLEAD	2.3
1181G	QUADRANT AFT SECT	560.5
12000	FUSELAGE COMPTMENT	113.8
12110	GENERAL	18.8
12111	PANEL CONSOLE	2.8
12112	PANEL VERT CONSOLE	19.1
12114	INSTRUMENT PANEL	1.0
12116	MAP CASE	0.2
12118	INST GLARE SHIELD	15.7
12119	NOC	46.7
1211A	PANEL INT TRIM	158.4
12120	SEAT GROUP I	2.0
12121	SEAT ASSY	103.1
12122	CALFGUARD	2.0
12124	SEAT LEGBRACE	44.6
12125	PERSONNEL LEAD DISC	0.7
12127	ADJUSTER ACTUATOR	3.8
12129	NOC	0.5
1212A	ACTUATOR SWITCH	2.8
12133	TRACK,SEAT	2.0
12135	TRIGGER MECHANISM	6.0

3BC-6
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

12137	SEAT LAP BELT	1.0
12138	SEAT PULL HANDLES	2.2
12141	SHOULDER HARNESS	4.8
12143	REEL 2-70286-11	4.5
12146	SEAT HEADREST	2.5
1214A	HARNESS 0101427-114	2.7
1214C	REEL 0113634-201	9.2
12151	SEAT CUSHION	6.5
12152	SEAT BACK REST	0.2
12159	NOC	28.6
12161	GUN,DROGUE	4.1
12162	CHUTE,DROGUE (TCI)	6.1
12163	LANYARD RELEASE	0.2
12164	SLEEVE,DEPLYT (TCI)	2.0
12166	HARNESS,D CHUTE(TCI	1.3
12169	NOC	0.8
1216A	CONTAINER ASSY	1.0
12210	GENERAL	4.0
12211	PANEL,CONSOLE	2.6
12214	INSTRUMENT PANEL	4.0
12216	MAP CASE	18.1
12217	MIRROR	2.0
12219	NOC	9.0
1221A	PANEL INT TRIM	76.9
12221	SEAT INSTRUCTORS	191.4
12223	SEAT ELBOW GUARD	2.0
12224	SEAT LEGBRACE	27.4
12226	SUPPORT LEADS DISC	2.0
12227	ADJUSTER ACTUATOR	10.7
12233	SEAT TRACK	2.0
12235	TRIGGER MECHANISM	1.0
12237	SEAT LAP BELT	2.6
12241	SHOULDER HARNESS	1.9
12246	SEAT HEADREST	2.0
12247	SEAT SAFETY PIN	1.2
12249	NOC	2.0
12259	NOC	28.7

3BC-7
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

12261	GUN,DROGUE	6.3
12262	CHUTE,DROGUE (TCI)	7.2
12264	SLEEVE,DEPYMT (TCI)	2.5
12266	HARNESS D CHUTE(TCI	0.5
12269	NOC	1.0
13000	LANDING GEAR	104.5
13100	MAIN GEAR	6.0
13110	MECH COMP GROUP I	9.0
13111	MAIN GEAR STRUT	76.1
13112	TRUNNION MLG (TCI)	18.0
13113	SIDE BRACE ASSY MLG	8.0
13114	SIDE BRACE BUSHING	21.8
13116	LINK,SIDE BRACE	30.7
13119	NOC	48.8
1311A	FITTING BRACE CYL	2.2
13122	ROLLER BRACKET	4.3
13123	UPLOCK MECHANISM	24.6
13125	BELLCRANK	15.8
13136	TORQUE ARM	8.8
13139	NOC	1.0
13140	HYDRAULIC COMPONENT	2.0
13141	GEAR ACTUATING CYL	16.0
13142	CYLINDER ACT S/B	12.0
13143	UPLOCK ACTUATOR	7.5
13144	CYLINDER ACT DOOR	14.0
13145	ACTUATOR DOOR LOCK	18.2
13149	NOC	2.0
1314A	FITTING SWIVEL	16.7
1314B	HYDRAULIC TUBING	19.0
13210	MECH COMP GROUP I	1.0
13211	STRUT ASSY NOSE	30.7
13215	STRUT STEER COLLAR	7.5
13219	NOC	9.5
13222	DOOR LINK BRACKET	1.0
13223	TORQUE ARM	8.6
13229	NOC	1.5
13231	CYL GEAR ACTUATING	11.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

13232	DOOR ACTUATING CYL	14.7
13235	HYDRAULIC TUBING	8.0
13300	ELECT COMPONENTS	16.2
13310	GENERAL	1.7
13311	CONT HANDLE SWITCH	4.0
13315	SWITCH DOOR	20.3
13316	LOCK IND SWITCH	1.0
13319	NOC	8.0
1331B	SWITCH,TORQUE LINK	4.0
13320	WARNING/INDICATION	8.6
13322	CONT WARNING LIGHT	3.0
13324	SWITCH,ALT PRESS	7.0
13326	SWITCH THROTTLE POS	4.3
1332A	GEN AUDIO SIGNAL	1.5
13410	GENERAL	1.0
13411	HANDLE CONTROL	35.3
13414	LINKAGE	9.0
13415	INTERCONNECT LINKGE	9.0
13500	NOSE WHEEL STEERING	7.1
13510	MECH COMPONENTS	2.0
13511	STEER MECH LINKAGE	3.7
13512	STEER TORQUE SHAFT	8.0
13521	STEERING ACTUATOR	75.9
13525	HYDRAULIC TUBING	4.0
13530	ELECT. COMPONENTS	3.0
13531	SWITCH TORQUE LINK	12.5
13534	CIRCUIT BREAKER	1.0
1353A	ELECT WRNG,HARNESS	22.5
13600	BRAKE SYSTEM	2.0
13610	GENERAL	4.7
13611	BRAKE ASSY WHEEL	73.1
13614	BRAKE MASTER CYL	137.1
13616	BLEEDER FITTING	1.5
13617	CABLE ASSEMBLY	3.0
13619	NOC	1.0
1361A	HYDRAULIC TUBING	12.5
1361B	HOSE,HYDRAULIC	3.2

APPENDIX 3BC
AT-38 WORKLOAD DATA

13710	MECH ELECT GROUP I	2.0
13722	CABLE	20.1
13730	BOX,CONT ALT REL	10.0
13810	MAIN WHEEL ASSY	382.4
13811	WHEEL	49.0
13813	MAIN WHEEL WASHER	0.2
13820	NOSE WHEEL ASSY	20.7
13821	WHEEL	36.2
13822	NOSE WHEEL BEARING	24.2
13831	MAIN GEAR TIRE	0.3
13832	NOSE GEAR TIRE	1.0
14000	FLIGHT CONTROLS	95.1
14100	AILERON SYSTEM	1.7
14110	GENERAL	15.5
14111	AILERON ASSEMBLY	57.4
14112	AILERON SKIN	2.6
14114	CASTING,HINGE AIL	6.5
14115	AILERON BEARING	3.5
14118	TRAILING EDGE	4.6
14119	NOC	5.8
14121	CONTROL STICK	14.5
14127	DRIVE ROD	1.0
14128	CABLE ASSY	19.6
14129	NOC	7.0
14132	AILERON SPRING	2.7
14135	AILERON PULLEY	1.4
14137	CONTROL STICK BOOT	22.7
14138	GRIP CONTROL STICK	31.2
14141	ACTUATOR AILERON	92.3
14142	SERVO VALVE	5.0
14144	HYDRAULIC TUBING	36.6
14149	NOC	8.0
14152	SW CONTROL STK TRIM	2.0
14153	ACTUATOR TRIM	2.0
14200	HORIZ. STABILIZER	0.2
14210	GENERAL	11.3
14211	TAIL ASSY HORIZ	22.7

APPENDIX 3BC
AT-38 WORKLOAD DATA

14214	HORIZ STAB SKIN	1.7
14215	HONEYCOMB	7.5
14217	BRG, OUTBD STAB TCI	12.4
14219	NOC	1.0
1421A	BRG, 1NBD STAB	1.0
14224	AFT QUADRANT	10.3
14228	CABLE ASSEMBLY	18.7
14229	NOC	11.5
14231	CONTROL ROD	2.8
14232	CONTROL ROD	13.0
14233	FEEL SPRING	0.5
14237	BELLCRANK	1.0
14240	MECH COMP GROUP III	2.0
14242	CABLE DISCONNECT	4.8
14249	NOC	8.0
14251	ACTUATOR CYLINDER	57.2
14252	FITTING Q/D MALE	23.0
14253	FTTG QUICK DIS	130.7
14259	NOC	3.2
14261	TRIM ACTUATOR	26.3
14262	TRIM CONTROL UNIT	2.0
14263	TRIM INDICATOR LAMP	1.0
14266	CIRCUIT BREAKER	0.7
14269	NOC	0.5
14300	RUDDER SYSTEM	4.0
14310	GENERAL	6.0
14311	RUDDER ASSEMBLY	42.4
14312	RUDDER SKIN	13.8
14313	RUDDER HONEYCOMB	14.8
14319	NOC	10.5
14328	SPRING, FORCE (TCI)	48.2
14329	NOC	2.5
14331	PEDAL LINKAGE	4.0
14336	CABLE ASSEMBLY	14.0
14337	LIMITER ARM	1.0
14339	NOC	25.2
1433A	HANDLE RUDDER ADJ	3.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

1433B	CABLE RUDDER ADJ	20.3
14340	MECH COMP GROUP III	2.0
14351	CYLINDER RUDDER ACT	61.9
14352	SERVO VALVE	14.5
14361	TRAVL LMTR SOLENOID	1.0
14369	NOC	12.0
14500	WING FLAP SYSTEM	16.5
14510	GENERAL	18.2
14511	WING FLAP ASSEMBLY	59.6
14512	FLAP HONEYCOMB	5.0
14515	HINGE BOLT	4.0
14517	FLAP TRAILING EDGE	1.6
14519	NOC	2.0
1451A	BEARING,FLAP HINGE	79.7
14521	CONTROL QUADRANT	4.0
14523	ARM	1.5
14525	ACT INTERCON CABLE	16.3
14529	NOC	9.4
14530	ELECT COMPONENTS	1.0
14532	LIMIT SWITCH	2.5
14533	ACTUATION SWITCH	0.7
14535	CIRCUIT BREAKER	1.5
14538	SWITCH 60 PERCENT	51.6
1453A	ELECT WIRING,HRNSS	7.0
14541	IND FLAP POSITION	6.8
14542	TRANSMITTER FLAP	3.0
14600	SPEED BRAKE SYSTEM	0.5
14610	SPEED BRAKE ASSY	14.8
14611	SPEED BRAKE DOOR	2.0
14612	FRAME STRUCTURE	25.6
14616	SEAL DOOR TO ACFT	2.0
14621	CYLINDER ACTUATOR	29.5
14622	VALVE CONTROL	6.6
14627	FITTING,SWIVEL	2.2
14628	HYDRAULIC TUBING	10.5
14629	NOC	4.2
14631	CONTROL SWITCH	4.5

APPENDIX 3BC
AT-38 WORKLOAD DATA

23000	TURBOJET ENGINE	1,893.5
23BAD	MANIFOLD,ANTI ICE	0.2
23BEA	SEAL,STATIONARY IN	5.0
23BF9	NOC	0.5
23CAB	CASING LOWR	2.5
23DBA	CASING	2.0
23DBE	LINER,EXTENSION	2.0
23DC9	NOC	0.5
23DCD	LEAF,INNER	15.0
23DCE	LEAF,OUTER	72.4
23DCF	ROLLER	4.0
23DCS	CABLE,FEEDBACK	14.0
23DDA	POWER UNIT	106.5
23EA0	MAIN FUEL SYSTEM	2.0
23EAA	MAIN FUEL CONTROL	18.7
23EAB	MAIN FUEL PUMP	2.0
23EAL	HOSE FUEL	16.5
23EB9	NOC	2.0
23FA0	ENG LUBRICATION SYS	4.5
23FAA	PUMP,LUBE AND SCAVEN	4.0
23FAB	FILTER,LUBE SYSTEM	69.0
23FAC	COOLER,OIL	4.0
23FAE	TUBE,SCAV AND AIR	4.0
23FAG	TANK ASSY,OIL	8.0
23FAH	VLV,REL,OIL TANK PR	3.5
23FAK	FILL CAP,OIL TANK	5.7
23GAJ	DUCT AIR	2.0
23HA0	IGNITION AND ELE SY	6.0
23HA9	NOC	1.0
23HAC	LEAD,A/B IGNITION	9.0
23HAD	PLUG,MAIN IGNITER	51.6
23HAE	PLUG,A/B IGNITER	55.3
23HAH	TACHOMETER GENERT	18.5
23HAJ	XMITTER,NOZ POS	26.0
23HAK	AMPLIFIER, T 5	59.8
23HAN	BOX,JUNCTION	6.0
23HAQ	HARNESS,WIRING	2.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

23HAR	HARNESS,THERMO RT	0.5
23K00	ENG AND QEC ASSY	1.0
23KAB	TUBE,FUEL DRAIN	2.0
23KAC	HOSE,FUEL DRAIN	7.0
23KAD	MANIFOLD,FUEL INLET	4.0
23KAE	MANIFOLD,CABIN COND	1.0
23KAG	MOUNT ASSY FRONT	0.5
23KAR	INLET,AIR INDUCTION	4.0
23KB9	NOC	0.5
23KBA	PUSH PULL,THROT CON	1.5
23KC9	NOC	3.0
23KCA	VALVE,START AIR DIV	20.3
23KD0	INSTRUMENTATION	1.3
23KD9	NOC	20.0
23KDA	TRANSMITTER,OIL PR	4.5
23KDB	TRANSMITTER,FUEL FL	64.5
23KDC	INDICATOR,A/B NOZPO	1.0
23KDD	INDICATOR,EGT MASTR	139.9
23KDE	INDICATOR,EGT REPET	32.8
23KDF	INDICATOR,TACH	30.7
23KDH	CONNECTOR	6.8
23KDK	INDICATOR,OIL PRESS	4.7
23KDM	TRIMMER,EGT IND	24.8
23KDN	SWITCH,TRIMMER	6.0
41000	AIR COND PRESS	16.1
41110	GENERAL	6.0
41111	CHECK VALVE	1.0
41112	VALVE,SHUTOFF	15.7
41114	RAM AIR INLET	7.5
41119	NOC	3.0
41120	CABIN PRESS SYSTEM	6.0
41121	VALVE,RAM AIR	100.4
41123	PRESS REGULATOR	13.0
41129	NOC	2.0
41130	CABIN AIR COND SYST	3.0
41131	TURBINE	17.8
41133	SEPARATOR WATER	27.9

APPENDIX 3BC
AT-38 WORKLOAD DATA

41134	COALESCER BAG	46.8
41139	NOC	2.0
4113A	PACKAGE CABIN AIR	16.0
4113C	HSNG AND COVER	9.5
41145	UNIT SENSOR	2.0
41146	DUCTING AIR DISTR	18.0
41147	DIRECTIONAL OUTLET	1.0
41148	CONN SLIP JT DUCT	0.8
41149	NOC	11.5
41154	FLOW CONTROL	6.0
41156	DEFOG DUCT	5.8
41159	NOC	6.1
41160	W/S AND C/SEAL SYS	4.5
41161	SEAL ASSY, CANOPY	86.2
41162	VALVE, SOL CONT	10.0
41165	CONTROL SWITCH	0.5
41166	WINDSHLD SEAL ASSY	2.0
41169	NOC	6.0
41210	ANTI-G SUIT SYSTEM	2.0
41212	VALVE,REGULATOR	1.0
41214	FLEXIBLE HOSE	18.2
41219	NOC	1.0
41225	AIR FILTER	16.4
41231	RAM AIR INLET	3.0
41238	AIRFLOW DIST DUCT	2.0
41239	NOC	2.0
4123A	ACTUATOR GR C00 DR	0.1
4123B	DOOR,BLOWER	2.3
41316	CONTROL SWITCH	6.5
41411	ALTIMETER CABIN PR	16.7
42000	ELECT POWER SUPPLY	51.3
42100	AC ELECT SYSTEM	45.0
4211A	GENERATOR L/H	74.3
4211B	TRANSFORMER CURRENT	8.0
4211C	REGULATOR VOLTAGE	7.7
4211D	PANEL PROTECTION	64.5
4211E	BUS CONTACTOR	3.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

4211F	FREQ SENSOR	14.2
42129	NOC	1.5
4212A	GENERATOR R/H	103.5
4212C	REGULATOR VOLTAGE	6.0
4212D	PANEL PROTECTION	35.0
4212F	FREQ SENSOR	7.5
42131	RELAY	4.2
42133	FUSE PANEL	2.0
42134	FUSE	2.0
42135	CONN PLUG	4.0
42136	CIRCUIT BREAKER	12.2
42137	WIRING HARNESS	8.5
42210	GENERAL GROUP I	2.0
42211	BATTERY P/N 23729-1	33.0
42212	TRANSFORMER RECT	3.0
42215	INVERTER STATIC	11.8
42218	RELAY	6.0
4221A	BATTERY P/N 30030	10.7
4221B	BATTERY (SLAB) P/N M	9.0
42220	GENERAL GROUP II	1.1
42221	FUSE PANEL	6.0
42222	FUSE	3.0
42227	CIRCUIT BREAKER	10.8
42228	WIRING HARNESS	5.0
44000	LIGHTING SYSTEM	22.2
44110	EXTERIOR LIGHTS	1.5
44111	POSITION LIGHT	14.2
44112	FORMATION LIGHT	2.7
44113	ANTI COLLISION (UPPE	101.1
44114	LIGHT LANDING TAXI	37.6
44115	ANTICOLLISION LOWER	33.0
44119	NOC	3.2
44210	INTERIOR LIGHTS	6.0
44211	RED FLOOD LIGHT	16.2
44212	INSTRUMENT LIGHT	4.0
44213	LIGHT,CONSOLE	14.0
44214	UTILITY LIGHT	4.4

APPENDIX 3BC
AT-38 WORKLOAD DATA

44219	NOC	2.0
44311	MASTER CAUTION	5.0
44312	PANEL WORD CAUTION (2.4
44313	PANEL WORD CAUTION (15.2
44319	NOC	4.5
44511	BRIGHT DIM SWITCH	0.7
44521	RELAY	7.0
45000	HYD PNEUMATIC POWER	44.8
45100	HYD POW SUP COMP	31.4
45110	GENERAL	9.0
45111	TANK HYDRAULIC	7.5
45112	HYD FILLER CAP	4.7
45115	LINES/TUBING	74.4
45117	HYD DRAIN VALVE	2.0
45119	NOC	38.5
45120	PUMP SYSTEM	8.0
45121	PUMP,HYD FT SYS TCI	11.5
45122	PUMP,HYD UTL SY TCI	10.5
45124	ELEMENT FILTER	20.5
45125	SUPPLY HOSE	1.0
45129	NOC	9.2
45130	PRESSURE INDICATING	5.8
45131	PRESSURE MANIFOLD	1.0
45132	PRESSURE SWITCH	24.3
45134	WARNING LAMP	2.0
45135	IND HYDRAULIC SYST	30.9
45136	TRANSMITER HYD(F/C)	17.6
45137	SWITCH H T SENSOR	4.7
45138	TUBING HI TEMP	2.0
45139	NOC	4.0
4513A	TRANSMITER HYD UTIL	12.5
46000	FUEL SYSTEM	46.3
46100	FUEL SYSTEM COMP	1.5
46111	PUMP BOOSTER	18.8
46112	FUEL MANIFOLD	11.5
46113	FUEL INTERCONNECT	24.4
46116	HOSE, TANK TO ENG	2.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

46124	CENTER FUSELGE TANK	1.0
46125	TANK AFT FUSELGE	41.0
46126	INVERTED FLT CELL	14.6
46129	NOC	22.0
46132	DRAIN VALVE	2.0
46137	CROSSFEED VALVE	6.2
46138	SHUTOFF VALVE	18.2
46141	SCARFED OUTLET VENT	5.5
46145	SLEEVE	2.7
46213	MANUAL SELECT VALVE	3.0
46310	FILTRATION FUEL STR	1.7
46312	CAP LATCH	2.0
46313	FILTER ELEMENT	8.0
46314	RELIEF VALVE BYPASS	2.0
46400	ELECTRICAL COMPON	1.0
46410	GENERAL	1.0
46412	CONTROL SWITCH	6.3
46413	CIRCUIT BREAKER	2.0
46415	BOOST PUMP OFF LAMP	1.0
46419	NOC	1.5
4641B	SWITCH LOW PRESS WA	2.0
4641C	ELECT WIRING CONN	5.5
46611	INDICATOR MASTER	43.5
46612	INDICATOR REPEATER	3.0
46613	PROBE TANK	28.9
46615	RELAY,POWER TRANS	0.5
46616	CABLE,COAXIAL	5.4
46619	NOC	5.5
46800	FUEL FLOW SYSTEM	1.0
46811	INDICATOR FUEL FLOW	131.2
46819	NOC	0.7
47000	OXYGEN SYSTEM	17.2
47100	OXYGEN SUPPLY	4.0
47111	CONVERTER OXY	12.3
47112	COMBINATION VALVE	1.0
47115	REGULATOR OXYGEN	32.9
47116	HOSE ASSY Q/D OXY	29.7

APPENDIX 3BC
AT-38 WORKLOAD DATA

47117	DRAIN VALVE	7.3
47118	HOSE FLEX (OXY)	22.5
47119	NOC	14.5
47211	IND OXYGEN MASTER	11.0
47213	CABLE ASSY COAXIAL	1.0
49000	MISC UTILITIES	2.8
49100	FIRE DETECTION SYS	2.0
49114	FIRE WARNING LAMP	8.0
4911F	SENSOR, R/H AFT	4.5
4911H	CLIP, SENSOR	0.4
51000	INSTRUMENT GENERAL	14.7
51110	GENERAL	7.0
51111	ACCELEROMETER	302.4
51112	AIRSPEED MACH IND	16.2
51113	ALTIMETER	5.0
51114	VERT VELOCITY IND	1.5
51116	ALTIMETER 19A	46.3
51119	NOC	1.5
51122	PITOT PRESS BOOM	26.0
51125	LINES HOSES	15.5
51127	A/A/W/PRESS SWITCH	2.0
51128	DRAIN	1.0
51129	NOC	2.0
51200	NAV INST	6.2
51210	GENERAL GROUP I	11.5
51211	CLOCK	21.8
51212	STNDBY MAG COMPASS	28.2
51213	HORZ SITUATION IND	95.5
51214	SERVO AMPLIFIER	46.4
51215	MAG AZIMUTH DET	48.5
51216	ATTITUDE DIRECT IND	68.0
51218	GYRO PLATFORM	142.4
51219	NOC	6.8
5121A	ASSY AZIMUTH SERVO	1.0
5121B	ASSY POWER SUPPLY	1.0
5121C	ASSY AMP SLAVING	3.5
5121D	GYRO DIRECTIONAL	4.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

5121K	ELECT WIRING/CONNEC	12.5
51221	RATE GYRO	18.2
51224	CIRCUIT BREAKER	13.2
51225	TRANSFER RELAY BOX	4.3
51227	GYRO RATE SWITCHING	30.8
51229	NOC	2.0
5122A	ELECT WIRING/CONNEC	8.0
51231	FLT DIRECT MODE SW	1.7
51235	RELAY,SPECIAL MODE	2.7
51236	INDICATOR,STBY ATT.	14.1
51300	A0A SYSTEM	8.7
5131A	COMPUTER CPU/115A	24.9
5131B	IND DIAL ARU 26/A	19.6
5131C	INDEXER ARU 27A	4.5
5131D	TRANSMITTER	14.9
5131F	SYNCHRO FLAP	20.3
5131L	AUTOTRANSFORMER	1.0
52000	AUTO PILOT	38.9
52100	AUTO FLT SYSTEM	8.2
52110	STAB AUG SYS GP I	17.5
52111	AIRSPED COMPENSATR	14.4
52112	GYRO,YAW RATE	42.1
52114	CONTROL PANEL	7.0
52116	HYD SHUT OFF VALVE	11.0
52117	YAW AXIS ACTUATOR	33.7
52121	CALIBRATION MODULE	2.8
52123	YAW SERVO MODULE	3.0
52124	YAW SHA TRA MODULE	16.9
5212A	STAB AUG COMP ASSY	5.0
52132	FILTER ELEMENT	3.7
52133	BOX ASSY ECA	4.0
52135	CONNECTORS,DISC	5.6
52139	NOC	1.0
55000	MALFCTN ANAL REC EQ	0.2
55210	VIDEO RECORDER	147.0
55220	VIDEO CAMERA	48.4
55299	NOC	2.5

APPENDIX 3BC
AT-38 WORKLOAD DATA

63000	UHF COMM SYSTEM	0.2
63B00	RADIO (AN/ARC 164B)	7.2
63BB0	TRANSCVR (RT 1168B)	101.4
63BB9	NOC	1.0
63BBP	CONTROL (C 9533)	5.8
63BC9	NOC	6.2
63BCA	ANTENNA (UPPER)	1.0
63BCB	ANTENNA (LOWER)	4.0
63BCE	COAXIAL CABLE	1.5
63BCK	SWT, RF (SA 521/A)	3.3
63BCL	ELECT WIRING/CONNEC	13.0
64000	INTERPHONE SYSTEM	4.7
64B00	AN/AIC 18	3.0
64BAA	PANEL CONTROL	30.7
64BAB	AMPLIFIER MIC	2.0
64BAC	AMPLIFIER HD ST	3.5
64BAD	ADAPTER HEADSET	28.8
64BAE	SWITCH MIC T Q	15.0
64BAG	FILTER	5.0
64BAH	QUICK DISCONCT	3.5
64BAK	WIRING	3.0
65000	IFF SYSTEM	3.2
65AAP	COAXIAL CABLE	1.0
65B00	IFF AN/APX44	0.7
65C00	AIMS AN/APX 64	4.7
65CA0	REC XMTTER(RT727)	88.8
65CB9	NOC	1.0
65CBA	ANTENNA	2.0
65CBB	CONTROL (6280)	49.5
65CBC	TEST SET	19.2
65CBE	COAXIAL CABLE	10.0
65CBF	COMPUTER	42.6
65CBK	ELECT WIRING/CONNEC	10.5
71000	VHF NAVIGATION SYS	0.2
71D00	ILS AN/ARN-147	6.4
71DA0	RECEIVER	24.1
71DA1	CONTROL	7.5

3BC-21
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

71DA6	ELECT WIRING/CONNEC	4.2
71DAD	MARKER BEA.RECEIVER	0.7
71DAE	MARKER BEA.INSTRUM.	1.0
71Z00	RADIO ARN 118	6.4
71ZA0	R C (RT 1159/A)	59.9
71ZB0	CONVERTER, DIG/ANA	27.0
71ZC0	MOUNT (MT 4681/A)	22.0
71ZD0	CONTROL UNIT(C9603	40.8
71ZHA	ANTENNA (LOWER)	2.3
71ZHG	SWITCH, NAV MODE	0.8
74000	FIRE CONTROL	2.0
74119	NOC	2.5
74200	OPTICAL SIGHT	12.4
74219	NOC	3.6
7421A	SIGHT, GUN	19.6
75112	RACK, BOMB MA 4	139.2
75119	NOC	1.8
75219	NOC	2.0
7521A	PANEL, ARM CONTROL	8.3
7521E	SWITCH, MODE SELECT	1.7
7521F	LIGHT, ARM HOT	0.5
7521J	CIRCUIT BREAKER	6.0
75600	DISPENSER, SUU 20	13.5
77000	PHOTO RECON SYSTEM	1.0
77111	CAMERA BODY	0.3
91110	GENERAL	1.0
97AAA	ACTUATOR,ROTARY TCI	5.6
97ABC	CATAPULT,CKU7/A TCI	35.5
97ACC	INITIATOR,M27 (TCI)	14.0
97ACD	INITIATOR,M31 (TCI)	2.0
97ACM	INITIATOR BPIR(TCI)	7.4
97ACN	INITIATOR 1007-4	24.3
97ACP	INITIATOR 1010-4	38.0
97ACQ	INITIATOR 1139-5	20.0
97AD0	THRUSTERS	2.0
97ADE	HOSE BALLISTIC THRUS	8.5
97ADF	THRUSTER M25A1(TCI)	32.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

97AEA	CART. DR GUN (TCI)	1.5
		29,083.10
	ON/OFF MMH	51,442.3
	General Support	16,446.0
	Weapons Loading	14,482.0
	Flying Hours	6,224.0
	Assigned Aircraft	25.0
	Maintenance ManHours Per Flying Hour	13.23

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

	Sheppard AT-38 Aircraft	
WUC	NOUN	TOTAL MMH
11526	DOOR ACCESS	4.0
1152L	FLOOR, FUEL CELL	11.5
11817	THROTTLE CABLE	2.3
14000	FLIGHT CONTROLS	1.0
14242	CABLE DISCONNECT	0.8
14336	CABLE ASSEMBLY	0.8
23000	TURBOJET ENGINE	2.0
4221A	BATTERY P/N 30030	1.5
46000	FUEL SYSTEM	1.0
46111	PUMP BOOSTER	5.0
46113	FUEL INTERCONNECT	10.0
46125	TANK AFT FUSELGE	18.8
46126	INVERTED FLT CELL	9.0
46129	NOC	5.0
46137	CROSSFEED VALVE	5.0
46138	SHUTOFF VALVE	10.0
46412	CONTROL SWITCH	1.0
3100	PREFLIGHT INSP	12.0
3200	THRU FLIGHT	9.0
3210	BASIC POSTFLT	9.7
3215	COMBINED PRE/POST	12.5
3230	225 HR POSTFLIGHT	182.1
3400	PERIODIC INSPECTION	4,235.3
4112	ACCEPTANCE INSECT	19.0
4114	EXCESS G LOAD INSP	491.3
0411D	OIL SMPG SPCTR ANAL	1.4
0411K	GROUND RECPL INSP	64.1
4122	LANDING GEAR CHK	6.9
4123	WHL/BRAKE INSP/BLED	10.0
0412A	SEAT OR EMER SYS CK	84.1
0412J	AFT FUSELGE SECT CK	179.7
4131	ENGINE CHANGE INSP	496.5
4137	ENG COND SCHED	9.0

3BC-24
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

4139	ENG TRIM CHECK	275.8
0413C	ENG AIR INLT INSP	17.1
4140	CABIN PRESS/LK TEST	22.5
4141	CORROSION INSP	2.8
4142	ENG BAY INSP	12.2
4150	WT AND BALANCE	70.8
4170	EQUIP INVENTORY	2.3
0418B	OVERHEAT AND FIRE	458.3
4194	GEARBOX CHECK	3.7
4199	SPECIAL INSP NOC	435.1
4210	FUNCTIONAL CK FLT	14.4
4610	NDI (ALL TYPES)	781.9
4611	EDDY CURRENT	294.7
4612	MAGNETIC PARTICLE	6.0
4613	X-RAY	4.3
4614	ULTRASONIC	316.4
9000	SHOP SUPPORT GEN	6.2
11000	AIRFRAME	1,476.1
11100	WINDSHIELD	78.4
11111	WINDSHIELD ASSY,FT	134.4
11117	SUPPORT BRACKET	6.0
11119	NOC	98.2
11121	CRANK	8.0
11123	HINGE PIN	0.6
11125	PANEL GLASS	17.3
11126	HOLD DOWN BOLT	2.0
11131	WINDSHIELD	10.0
11211	CANOPY ASSEMBLY	324.1
11212	PANEL GLASS (TCI)	60.7
11219	NOC	13.7
11223	DRIVE MECH CRANK	4.0
11225	DRIVE MECH ROD	12.8
11226	DRIVE MECH CABLE	21.8
11227	DRIVE MECH SPRING	2.0
11229	NOC	21.1
11231	HANDLE OPERATING	14.7
11233	LOCK HOOK	10.0
11239	NOC	19.6

3BC-25
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

11244	ROD END BEARING	1.3
11247	JETTISON DAMPER	139.0
1124A	JETTISON T HANDLE	29.5
11310	STRUCTURAL	10.0
11311	CANOPY ASSY	261.5
11312	PANEL GLASS (TCI)	84.8
11317	SUPPORT	0.3
11319	NOC	3.2
1131A	BLIND FLYING HOOD	0.2
1131C	SEAL,CANOPY DISCONN	2.5
11325	DRIVE MECH ROD	14.0
11326	DRIVE MECH CABLE	60.6
11329	NOC	13.7
11331	HANDLE OPERATING	9.0
11332	LOCK DRIVE ROD	0.3
11333	LOCK HOOK	17.4
11339	NOC	4.6
1133B	LIGHT CANOPY UNLOCK	10.5
11347	DAMPER JETTISON	32.0
11348	BRACKET	5.0
11349	NOC	14.0
1134A	T HANDLE	3.0
11359	NOC	1.0
11413	DOOR STRUCTURE	2.0
11419	NOC	19.8
1141A	STRUT DOOR ATTACHED	88.9
11421	DOOR,MAIN GEAR	51.2
11424	HINGE PIN	4.5
11427	DOOR LINK	51.5
11428	DOOR BRACKET	8.0
11429	NOC	6.0
11431	DOOR ASSY ATTACHED	476.0
11439	NOC	34.5
11500	FUSELAGE SECTION	704.1
11510	NOSE STA 52.5-152.5	70.1
11511	NOSE SECTION SKIN	126.0
11512	NOSE DOOR HINGE	269.8
11513	DOOR,NOSE ACCESS	150.6

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

11514	BALLAST	53.2
11515	ENCLOSURE ANTENNA	15.3
11517	CAMLOCK FASTENER	2.0
11519	NOC	447.6
1151B	RECEPTACLE S G	8.8
1151E	DOOR, COMM/NAV MXU	1,212.4
11520	CENTER STA 152-388	78.0
11521	CENTER SECTION SKIN	66.3
11523	CENTER SECT COVER	43.5
11525	STEP	21.2
11526	DOOR ACCESS	271.9
11527	SPEED BRAKE PANEL	226.5
11529	NOC	53.8
1152E	POD TRAVEL	2.0
1152K	FLOOR, COCKPIT	31.6
1152P	PYLON	224.1
1152Q	FAIRING, PYLON	2.1
11530	AFT CENTER	16.0
11531	AFT CENTER SKIN	12.7
11532	TRUNNION MOUNT	129.5
11533	TRACK,ENGINE INSTL	33.5
11534	SUPPORT BEAM	224.3
11535	AFT CENTER FIREWALL	192.6
11536	DOOR ACCESS	3,160.8
11539	NOC	333.5
1153A	SUCK IN DOOR	4.0
1153C	DUCT,BLEED AIR	45.0
1153E	CALFAX FASTENER	36.0
1153G	FTG UPPER LONGERON	2.0
11542	LEADING EDGE	18.5
11543	TIP PLASTIC	68.3
11546	VERT STAB SKIN	67.0
11547	VERT STAB HONEYCOMB	49.7
11548	ACCESS DOOR	56.3
11549	NOC	28.7
11550	AIR INTAKE DUCT	14.0
11556	FRAME STRUCTURE	1.0
11557	INTAKE DUCT SEAL	4.0

3BC-27
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

11560	AFT REMOVABLE FUSE.	2,084.2
11561	AFT FUSELAGE ASSY	1,452.6
11562	EJECTOR	88.1
11563	FIREWALL	245.6
11565	ATTACH FRAME	4.0
11566	DOOR ACCESS	350.2
11567	ANNULUS DOOR	7.3
11568	AFT FUSELAGE SKIN	18.0
11569	NOC	161.7
1156A	CAMLOCK FASTENER	2.7
1156B	CALFAX FASTENER	5.0
1156C	COVER EJECTOR	40.1
11600	WINGS	4.0
11610	GENERAL	1.3
11611	WING ASSEMBLY	53.5
11612	WING SKIN	8.5
11613	WING HONEYCOMB	10.6
11614	WING TIP	93.3
11615	WING LEADING EDGE	62.4
11617	WING SPAR	17.0
11619	NOC	204.1
1161G	WING ATCH BOLT(TCI)	57.1
1161J	BUSHING WG ATCH(TCI)	55.1
1161L	BOLT 44(WING ATTCH	15.7
1161M	FITTING 44(WG ATCH	5.0
1161N	BUSHING 44(WG ATCH	5.6
1161P	BOLT 66(WING ATCH	15.0
1161R	BUSHING 66(WG ATCH	3.5
11700	ACCESSORY DR.GEARBX	37.6
11711	GEARBOX (P/N 3-51100	185.9
11714	OIL FILTER	31.0
11716	OIL SEAL INPUT DR	30.0
11719	NOC	4.0
1171A	GEARBOX, CONVERSION	5.0
1171Y	SUPPORT GEARBOX	1.0
11720	GEARBOX PWR SHAFT	9.0
11721	QUILL SHAFT ENGINE	2.0
11725	COUPLING GEARBX END	6.0

3BC-28
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

11739	NOC	1.0
1173A	DRIVE ASSY INPUTBX	53.2
1173B	DRIVE ASSY OUTPUTBX	50.0
1173C	SHAFT ASSY INTCNTBX	9.0
11800	THROTTLE CONTROL	41.0
11810	GENERAL	3.1
11811	QUADRANT COCKPIT	49.7
11812	THROTTLE LEVER	1.5
11816	THROTTLE A/B SWITCH	3.5
11817	THROTTLE CABLE	28.0
11819	NOC	6.0
1181F	FAIRLEAD	2.3
1181G	QUADRANT AFT SECT	560.5
12000	FUSELAGE COMPRMENT	113.8
12110	GENERAL	18.8
12111	PANEL CONSOLE	2.8
12112	PANEL VERT CONSOLE	19.1
12114	INSTRUMENT PANEL	1.0
12116	MAP CASE	0.2
12118	INST GLARE SHIELD	15.7
12119	NOC	46.7
1211A	PANEL INT TRIM	158.4
12120	SEAT GROUP I	2.0
12121	SEAT ASSY	103.1
12122	CALFGUARD	2.0
12124	SEAT LEGBRACE	44.6
12125	PERSONNEL LEAD DISC	0.7
12127	ADJUSTER ACTUATOR	3.8
12129	NOC	0.5
1212A	ACTUATOR SWITCH	2.8
12133	TRACK,SEAT	2.0
12135	TRIGGER MECHANISM	6.0
12137	SEAT LAP BELT	1.0
12138	SEAT PULL HANDLES	2.2
12141	SHOULDER HARNESS	4.8
12143	REEL 2-70286-11	4.5
12146	SEAT HEADREST	2.5
1214A	HARNESS 0101427-114	2.7

3BC-29
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

1214C	REEL 0113634-201	9.2
12151	SEAT CUSHION	6.5
12152	SEAT BACK REST	0.2
12159	NOC	28.6
12161	GUN,DROGUE	4.1
12162	CHUTE,DROGUE (TCI)	6.1
12163	LANYARD RELEASE	0.2
12164	SLEEVE,DEPLYT (TCI)	2.0
12166	HARNESS,D CHUTE(TCI	1.3
12169	NOC	0.8
1216A	CONTAINER ASSY	1.0
12210	GENERAL	4.0
12211	PANEL,CONSOLE	2.6
12214	INSTRUMENT PANEL	4.0
12216	MAP CASE	18.1
12217	MIRROR	2.0
12219	NOC	9.0
1221A	PANEL INT TRIM	76.9
12221	SEAT INSTRUCTORS	191.4
12223	SEAT ELBOW GUARD	2.0
12224	SEAT LEGBRACE	27.4
12226	SUPPORT LEADS DISC	2.0
12227	ADJUSTER ACTUATOR	10.7
12233	SEAT TRACK	2.0
12235	TRIGGER MECHANISM	1.0
12237	SEAT LAP BELT	2.6
12241	SHOULDER HARNESS	1.9
12246	SEAT HEADREST	2.0
12247	SEAT SAFETY PIN	1.2
12249	NOC	2.0
12259	NOC	28.7
12261	GUN,DROGUE	6.3
12262	CHUTE,DROGUE (TCI)	7.2
12264	SLEEVE,DEPYMT (TCI)	2.5
12266	HARNESS D CHUTE(TCI	0.5
12269	NOC	1.0
13000	LANDING GEAR	104.5
13100	MAIN GEAR	6.0

3BC-30
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

13110	MECH COMP GROUP I	9.0
13111	MAIN GEAR STRUT	76.1
13112	TRUNNION MLG (TCI)	18.0
13113	SIDE BRACE ASSY MLG	8.0
13114	SIDE BRACE BUSHING	21.8
13116	LINK,SIDE BRACE	30.7
13119	NOC	48.8
1311A	FITTING BRACE CYL	2.2
13122	ROLLER BRACKET	4.3
13123	UPLOCK MECHANISM	24.6
13125	BELLCRANK	15.8
13136	TORQUE ARM	8.8
13139	NOC	1.0
13140	HYDRAULIC COMPONENT	2.0
13141	GEAR ACTUATING CYL	16.0
13142	CYLINDER ACT S/B	12.0
13143	UPLOCK ACTUATOR	7.5
13144	CYLINDER ACT DOOR	14.0
13145	ACTUATOR DOOR LOCK	18.2
13149	NOC	2.0
1314A	FITTING SWIVEL	16.7
1314B	HYDRAULIC TUBING	19.0
13210	MECH COMP GROUP I	1.0
13211	STRUT ASSY NOSE	30.7
13215	STRUT STEER COLLAR	7.5
13219	NOC	9.5
13222	DOOR LINK BRACKET	1.0
13223	TORQUE ARM	8.6
13229	NOC	1.5
13231	CYL GEAR ACTUATING	11.0
13232	DOOR ACTUATING CYL	14.7
13235	HYDRAULIC TUBING	8.0
13300	ELECT COMPONENTS	16.2
13310	GENERAL	1.7
13311	CONT HANDLE SWITCH	4.0
13315	SWITCH DOOR	20.3
13316	LOCK IND SWITCH	1.0
13319	NOC	8.0

3BC-31
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

1331B	SWITCH,TORQUE LINK	4.0
13320	WARNING/INDICATION	8.6
13322	CONT WARNING LIGHT	3.0
13324	SWITCH,ALT PRESS	7.0
13326	SWITCH THROTTLE POS	4.3
1332A	GEN AUDIO SIGNAL	1.5
13410	GENERAL	1.0
13411	HANDLE CONTROL	35.3
13414	LINKAGE	9.0
13415	INTERCONNECT LINKGE	9.0
13500	NOSE WHEEL STEERING	7.1
13510	MECH COMPONENTS	2.0
13511	STEER MECH LINKAGE	3.7
13512	STEER TORQUE SHAFT	8.0
13521	STEERING ACTUATOR	75.9
13525	HYDRAULIC TUBING	4.0
13530	ELECT. COMPONENTS	3.0
13531	SWITCH TORQUE LINK	12.5
13534	CIRCUIT BREAKER	1.0
1353A	ELECT WRNG,HARNESS	22.5
13600	BRAKE SYSTEM	2.0
13610	GENERAL	4.7
13611	BRAKE ASSY WHEEL	73.1
13614	BRAKE MASTER CYL	137.1
13616	BLEEDER FITTING	1.5
13617	CABLE ASSEMBLY	3.0
13619	NOC	1.0
1361A	HYDRAULIC TUBING	12.5
1361B	HOSE,HYDRAULIC	3.2
13710	MECH ELECT GROUP I	2.0
13722	CABLE	20.1
13730	BOX,CONT ALT REL	10.0
13810	MAIN WHEEL ASSY	382.4
13811	WHEEL	49.0
13813	MAIN WHEEL WASHER	0.2
13820	NOSE WHEEL ASSY	20.7
13821	WHEEL	36.2
13822	NOSE WHEEL BEARING	24.2

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

13831	MAIN GEAR TIRE	0.3
13832	NOSE GEAR TIRE	1.0
14000	FLIGHT CONTROLS	95.1
14100	AILERON SYSTEM	1.7
14110	GENERAL	15.5
14111	AILERON ASSEMBLY	57.4
14112	AILERON SKIN	2.6
14114	CASTING,HINGE AIL	6.5
14115	AILERON BEARING	3.5
14118	TRAILING EDGE	4.6
14119	NOC	5.8
14121	CONTROL STICK	14.5
14127	DRIVE ROD	1.0
14128	CABLE ASSY	19.6
14129	NOC	7.0
14132	AILERON SPRING	2.7
14135	AILERON PULLEY	1.4
14137	CONTROL STICK BOOT	22.7
14138	GRIP CONTROL STICK	31.2
14141	ACTUATOR AILERON	92.3
14142	SERVO VALVE	5.0
14144	HYDRAULIC TUBING	36.6
14149	NOC	8.0
14152	SW CONTROL STK TRIM	2.0
14153	ACTUATOR TRIM	2.0
14200	HORIZ. STABILIZER	0.2
14210	GENERAL	11.3
14211	TAIL ASSY HORIZ	22.7
14214	HORIZ STAB SKIN	1.7
14215	HONEYCOMB	7.5
14217	BRG, OUTBD STAB TCI	12.4
14219	NOC	1.0
1421A	BRG, 1NBD STAB	1.0
14224	AFT QUADRANT	10.3
14228	CABLE ASSEMBLY	18.7
14229	NOC	11.5
14231	CONTROL ROD	2.8
14232	CONTROL ROD	13.0

3BC-33
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

14233	FEEL SPRING	0.5
14237	BELLCRANK	1.0
14240	MECH COMP GROUP III	2.0
14242	CABLE DISCONNECT	4.8
14249	NOC	8.0
14251	ACTUATOR CYLINDER	57.2
14252	FITTING Q/D MALE	23.0
14253	FTTG QUICK DIS	130.7
14259	NOC	3.2
14261	TRIM ACTUATOR	26.3
14262	TRIM CONTROL UNIT	2.0
14263	TRIM INDICATOR LAMP	1.0
14266	CIRCUIT BREAKER	0.7
14269	NOC	0.5
14300	RUDDER SYSTEM	4.0
14310	GENERAL	6.0
14311	RUDDER ASSEMBLY	42.4
14312	RUDDER SKIN	13.8
14313	RUDDER HONEYCOMB	14.8
14319	NOC	10.5
14328	SPRING, FORCE (TCI)	48.2
14329	NOC	2.5
14331	PEDAL LINKAGE	4.0
14336	CABLE ASSEMBLY	14.0
14337	LIMITER ARM	1.0
14339	NOC	25.2
1433A	HANDLE RUDDER ADJ	3.0
1433B	CABLE RUDDER ADJ	20.3
14340	MECH COMP GROUP III	2.0
14351	CYLINDER RUDDER ACT	61.9
14352	SERVO VALVE	14.5
14361	TRAVL LMTR SOLENOID	1.0
14369	NOC	12.0
14500	WING FLAP SYSTEM	16.5
14510	GENERAL	18.2
14511	WING FLAP ASSEMBLY	59.6
14512	FLAP HONEYCOMB	5.0
14515	HINGE BOLT	4.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

14517	FLAP TRAILING EDGE	1.6
14519	NOC	2.0
1451A	BEARING,FLAP HINGE	79.7
14521	CONTROL QUADRANT	4.0
14523	ARM	1.5
14525	ACT INTERCON CABLE	16.3
14529	NOC	9.4
14530	ELECT COMPONENTS	1.0
14532	LIMIT SWITCH	2.5
14533	ACTUATION SWITCH	0.7
14535	CIRCUIT BREAKER	1.5
14538	SWITCH 60 PERCENT	51.6
1453A	ELECT WIRING,HRNSS	7.0
14541	IND FLAP POSITION	6.8
14542	TRANSMITTER FLAP	3.0
14600	SPEED BRAKE SYSTEM	0.5
14610	SPEED BRAKE ASSY	14.8
14611	SPEED BRAKE DOOR	2.0
14612	FRAME STRUCTURE	25.6
14616	SEAL DOOR TO ACFT	2.0
14621	CYLINDER ACTUATOR	29.5
14622	VALVE CONTROL	6.6
14627	FITTING,SWIVEL	2.2
14628	HYDRAULIC TUBING	10.5
14629	NOC	4.2
14631	CONTROL SWITCH	4.5
23000	TURBOJET ENGINE	1,893.5
23BAD	MANIFOLD,ANTI ICE	0.2
23BEA	SEAL,STATIONARY IN	5.0
23BF9	NOC	0.5
23CAB	CASING LOWR	2.5
23DBA	CASING	2.0
23DBE	LINER,EXTENSION	2.0
23DC9	NOC	0.5
23DCD	LEAF,INNER	15.0
23DCE	LEAF,OUTER	72.4
23DCF	ROLLER	4.0
23DCS	CABLE,FEEDBACK	14.0

3BC-35
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

23DDA	POWER UNIT	106.5
23EA0	MAIN FUEL SYSTEM	2.0
23EAA	MAIN FUEL CONTROL	18.7
23EAB	MAIN FUEL PUMP	2.0
23EAL	HOSE FUEL	16.5
23EB9	NOC	2.0
23FA0	ENG LUBRICATION SYS	4.5
23FAA	PUMP,LUBE AND SCAVEN	4.0
23FAB	FILTER,LUBE SYSTEM	69.0
23FAC	COOLER,OIL	4.0
23FAE	TUBE,SCAV AND AIR	4.0
23FAG	TANK ASSY,OIL	8.0
23FAH	VLV,REL,OIL TANK PR	3.5
23FAK	FILL CAP,OIL TANK	5.7
23GAJ	DUCT AIR	2.0
23HA0	IGNITION AND ELE SY	6.0
23HA9	NOC	1.0
23HAC	LEAD,A/B IGNITION	9.0
23HAD	PLUG,MAIN IGNITER	51.6
23HAE	PLUG,A/B IGNITER	55.3
23HAH	TACHOMETER GENERT	18.5
23HAJ	XMITTER,NOZ POS	26.0
23HAK	AMPLIFIER, T 5	59.8
23HAN	BOX,JUNCTION	6.0
23HAQ	HARNESS,WIRING	2.0
23HAR	HARNESS,THERMO RT	0.5
23K00	ENG AND QEC ASSY	1.0
23KAB	TUBE,FUEL DRAIN	2.0
23KAC	HOSE,FUEL DRAIN	7.0
23KAD	MANIFOLD,FUEL INLET	4.0
23KAE	MANIFOLD,CABIN COND	1.0
23KAG	MOUNT ASSY FRONT	0.5
23KAR	INLET,AIR INDUCTION	4.0
23KB9	NOC	0.5
23KBA	PUSH PULL,THROT CON	1.5
23KC9	NOC	3.0
23KCA	VALVE,START AIR DIV	20.3
23KD0	INSTRUMENTATION	1.3

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

23KD9	NOC	20.0
23KDA	TRANSMITTER,OIL PR	4.5
23KDB	TRANSMITTER,FUEL FL	64.5
23KDC	INDICATOR,A/B NOZPO	1.0
23KDD	INDICATOR,EGT MASTR	139.9
23KDE	INDICATOR,EGT REPET	32.8
23KDF	INDICATOR,TACH	30.7
23KDH	CONNECTOR	6.8
23KDK	INDICATOR,OIL PRESS	4.7
23KDM	TRIMMER,EGT IND	24.8
23KDN	SWITCH,TRIMMER	6.0
41000	AIR COND PRESS	16.1
41110	GENERAL	6.0
41111	CHECK VALVE	1.0
41112	VALVE,SHUTOFF	15.7
41114	RAM AIR INLET	7.5
41119	NOC	3.0
41120	CABIN PRESS SYSTEM	6.0
41121	VALVE,RAM AIR	100.4
41123	PRESS REGULATOR	13.0
41129	NOC	2.0
41130	CABIN AIR COND SYST	3.0
41131	TURBINE	17.8
41133	SEPARATOR WATER	27.9
41134	COALESCER BAG	46.8
41139	NOC	2.0
4113A	PACKAGE CABIN AIR	16.0
4113C	HSNG AND COVER	9.5
41145	UNIT SENSOR	2.0
41146	DUCTING AIR DISTR	18.0
41147	DIRECTIONAL OUTLET	1.0
41148	CONN SLIP JT DUCT	0.8
41149	NOC	11.5
41154	FLOW CONTROL	6.0
41156	DEFOG DUCT	5.8
41159	NOC	6.1
41160	W/S AND C/SEAL SYS	4.5
41161	SEAL ASSY, CANOPY	86.2

3BC-37
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

41162	VALVE, SOL CONT	10.0
41165	CONTROL SWITCH	0.5
41166	WINDSHLD SEAL ASSY	2.0
41169	NOC	6.0
41210	ANTI-G SUIT SYSTEM	2.0
41212	VALVE,REGULATOR	1.0
41214	FLEXIBLE HOSE	18.2
41219	NOC	1.0
41225	AIR FILTER	16.4
41231	RAM AIR INLET	3.0
41238	AIRFLOW DIST DUCT	2.0
41239	NOC	2.0
4123A	ACTUATOR GR C00 DR	0.1
4123B	DOOR,BLOWER	2.3
41316	CONTROL SWITCH	6.5
41411	ALTIMETER CABIN PR	16.7
42000	ELECT POWER SUPPLY	51.3
42100	AC ELECT SYSTEM	45.0
4211A	GENERATOR L/H	74.3
4211B	TRANSFORMER CURRENT	8.0
4211C	REGULATOR VOLTAGE	7.7
4211D	PANEL PROTECTION	64.5
4211E	BUS CONTACTOR	3.0
4211F	FREQ SENSOR	14.2
42129	NOC	1.5
4212A	GENERATOR R/H	103.5
4212C	REGULATOR VOLTAGE	6.0
4212D	PANEL PROTECTION	35.0
4212F	FREQ SENSOR	7.5
42131	RELAY	4.2
42133	FUSE PANEL	2.0
42134	FUSE	2.0
42135	CONN PLUG	4.0
42136	CIRCUIT BREAKER	12.2
42137	WIRING HARNESS	8.5
42210	GENERAL GROUP I	2.0
42211	BATTERY P/N 23729-1	33.0
42212	TRANSFORMER RECT	3.0

3BC-38
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

42215	INVERTER STATIC	11.8
42218	RELAY	6.0
4221A	BATTERY P/N 30030	10.7
4221B	BATTERY (SLAB) P/N M	9.0
42220	GENERAL GROUP II	1.1
42221	FUSE PANEL	6.0
42222	FUSE	3.0
42227	CIRCUIT BREAKER	10.8
42228	WIRING HARNESS	5.0
44000	LIGHTING SYSTEM	22.2
44110	EXTERIOR LIGHTS	1.5
44111	POSITION LIGHT	14.2
44112	FORMATION LIGHT	2.7
44113	ANTI COLLISION (UPPE	101.1
44114	LIGHT LANDING TAXI	37.6
44115	ANTICOLLISION LOWER	33.0
44119	NOC	3.2
44210	INTERIOR LIGHTS	6.0
44211	RED FLOOD LIGHT	16.2
44212	INSTRUMENT LIGHT	4.0
44213	LIGHT,CONSOLE	14.0
44214	UTILITY LIGHT	4.4
44219	NOC	2.0
44311	MASTER CAUTION	5.0
44312	PANEL WORD CAUTION (2.4
44313	PANEL WORD CAUTION (15.2
44319	NOC	4.5
44511	BRIGHT DIM SWITCH	0.7
44521	RELAY	7.0
45000	HYD PNEUMATIC POWER	44.8
45100	HYD POW SUP COMP	31.4
45110	GENERAL	9.0
45111	TANK HYDRAULIC	7.5
45112	HYD FILLER CAP	4.7
45115	LINES/TUBING	74.4
45117	HYD DRAIN VALVE	2.0
45119	NOC	38.5
45120	PUMP SYSTEM	8.0

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

45121	PUMP,HYD FT SYS TCI	11.5
45122	PUMP,HYD UTL SY TCI	10.5
45124	ELEMENT FILTER	20.5
45125	SUPPLY HOSE	1.0
45129	NOC	9.2
45130	PRESSURE INDICATING	5.8
45131	PRESSURE MANIFOLD	1.0
45132	PRESSURE SWITCH	24.3
45134	WARNING LAMP	2.0
45135	IND HYDRAULIC SYST	30.9
45136	TRANSMITER HYD(F/C)	17.6
45137	SWITCH H T SENSOR	4.7
45138	TUBING HI TEMP	2.0
45139	NOC	4.0
4513A	TRANSMITER HYD UTIL	12.5
46000	FUEL SYSTEM	46.3
46100	FUEL SYSTEM COMP	1.5
46111	PUMP BOOSTER	18.8
46112	FUEL MANIFOLD	11.5
46113	FUEL INTERCONNECT	24.4
46116	HOSE, TANK TO ENG	2.0
46124	CENTER FUSELGE TANK	1.0
46125	TANK AFT FUSELGE	41.0
46126	INVERTED FLT CELL	14.6
46129	NOC	22.0
46132	DRAIN VALVE	2.0
46137	CROSSFEED VALVE	6.2
46138	SHUTOFF VALVE	18.2
46141	SCARFED OUTLET VENT	5.5
46145	SLEEVE	2.7
46213	MANUAL SELECT VALVE	3.0
46310	FILTRATION FUEL STR	1.7
46312	CAP LATCH	2.0
46313	FILTER ELEMENT	8.0
46314	RELIEF VALVE BYPASS	2.0
46400	ELECTRICAL COMPON	1.0
46410	GENERAL	1.0
46412	CONTROL SWITCH	6.3

3BC-40
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

46413	CIRCUIT BREAKER	2.0
46415	BOOST PUMP OFF LAMP	1.0
46419	NOC	1.5
4641B	SWITCH LOW PRESS WA	2.0
4641C	ELECT WIRING CONN	5.5
46611	INDICATOR MASTER	43.5
46612	INDICATOR REPEATER	3.0
46613	PROBE TANK	28.9
46615	RELAY,POWER TRANS	0.5
46616	CABLE,COAXIAL	5.4
46619	NOC	5.5
46800	FUEL FLOW SYSTEM	1.0
46811	INDICATOR FUEL FLOW	131.2
46819	NOC	0.7
47000	OXYGEN SYSTEM	17.2
47100	OXYGEN SUPPLY	4.0
47111	CONVERTER OXY	12.3
47112	COMBINATION VALVE	1.0
47115	REGULATOR OXYGEN	32.9
47116	HOSE ASSY Q/D OXY	29.7
47117	DRAIN VALVE	7.3
47118	HOSE FLEX (OXY)	22.5
47119	NOC	14.5
47211	IND OXYGEN MASTER	11.0
47213	CABLE ASSY COAXIAL	1.0
49000	MISC UTILITIES	2.8
49100	FIRE DETECTION SYS	2.0
49114	FIRE WARNING LAMP	8.0
4911F	SENSOR, R/H AFT	4.5
4911H	CLIP, SENSOR	0.4
51000	INSTRUMENT GENERAL	14.7
51110	GENERAL	7.0
51111	ACCELEROMETER	302.4
51112	AIRSPEED MACH IND	16.2
51113	ALTIMETER	5.0
51114	VERT VELOCITY IND	1.5
51116	ALTIMETER 19A	46.3
51119	NOC	1.5

3BC-41
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

51122	PITOT PRESS BOOM	26.0
51125	LINES HOSES	15.5
51127	A/A/W/PRESS SWITCH	2.0
51128	DRAIN	1.0
51129	NOC	2.0
51200	NAV INST	6.2
51210	GENERAL GROUP I	11.5
51211	CLOCK	21.8
51212	STNDBY MAG COMPASS	28.2
51213	HORZ SITUATION IND	95.5
51214	SERVO AMPLIFIER	46.4
51215	MAG AZIMUTH DET	48.5
51216	ATTITUDE DIRECT IND	68.0
51218	GYRO PLATFORM	142.4
51219	NOC	6.8
5121A	ASSY AZIMUTH SERVO	1.0
5121B	ASSY POWER SUPPLY	1.0
5121C	ASSY AMP SLAVING	3.5
5121D	GYRO DIRECTIONAL	4.0
5121K	ELECT WIRING/CONNEC	12.5
51221	RATE GYRO	18.2
51224	CIRCUIT BREAKER	13.2
51225	TRANSFER RELAY BOX	4.3
51227	GYRO RATE SWITCHING	30.8
51229	NOC	2.0
5122A	ELECT WIRING/CONNEC	8.0
51231	FLT DIRECT MODE SW	1.7
51235	RELAY,SPECIAL MODE	2.7
51236	INDICATOR,STBY ATT.	14.1
51300	AOA SYSTEM	8.7
5131A	COMPUTER CPU/115A	24.9
5131B	IND DIAL ARU 26/A	19.6
5131C	INDEXER ARU 27A	4.5
5131D	TRANSMITTER	14.9
5131F	SYNCHRO FLAP	20.3
5131L	AUTOTRANSFORMER	1.0
52000	AUTO PILOT	38.9
52100	AUTO FLT SYSTEM	8.2

3BC-42
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

52110	STAB AUG SYS GP I	17.5
52111	AIRSPEED COMPENSATR	14.4
52112	GYRO,YAW RATE	42.1
52114	CONTROL PANEL	7.0
52116	HYD SHUT OFF VALVE	11.0
52117	YAW AXIS ACTUATOR	33.7
52121	CALIBRATION MODULE	2.8
52123	YAW SERVO MODULE	3.0
52124	YAW SHA TRA MODULE	16.9
5212A	STAB AUG COMP ASSY	5.0
52132	FILTER ELEMENT	3.7
52133	BOX ASSY ECA	4.0
52135	CONNECTORS,DISC	5.6
52139	NOC	1.0
55000	MALFCTN ANAL REC EQ	0.2
55210	VIDEO RECORDER	147.0
55220	VIDEO CAMERA	48.4
55299	NOC	2.5
63000	UHF COMM SYSTEM	0.2
63B00	RADIO (AN/ARC 164B)	7.2
63BB0	TRANSCVR (RT 1168B)	101.4
63BB9	NOC	1.0
63BBP	CONTROL (C 9533)	5.8
63BC9	NOC	6.2
63BCA	ANTENNA (UPPER)	1.0
63BCB	ANTENNA (LOWER)	4.0
63BCE	COAXIAL CABLE	1.5
63BCK	SWT, RF (SA 521/A)	3.3
63BCL	ELECT WIRING/CONNEC	13.0
64000	INTERPHONE SYSTEM	4.7
64B00	AN/AIC 18	3.0
64BAA	PANEL CONTROL	30.7
64BAB	AMPLIFIER MIC	2.0
64BAC	AMPLIFIER HD ST	3.5
64BAD	ADAPTER HEADSET	28.8
64BAE	SWITCH MIC T Q	15.0
64BAG	FILTER	5.0
64BAH	QUICK DISCONCT	3.5

3BC-43
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

64BAK	WIRING	3.0
65000	IFF SYSTEM	3.2
65AAP	COAXIAL CABLE	1.0
65B00	IFF AN/APX44	0.7
65C00	AIMS AN/APX 64	4.7
65CA0	REC XMTTER(RT727)	88.8
65CB9	NOC	1.0
65CBA	ANTENNA	2.0
65CBB	CONTROL (6280)	49.5
65CBC	TEST SET	19.2
65CBE	COAXIAL CABLE	10.0
65CBF	COMPUTER	42.6
65CBK	ELECT WIRING/CONNEC	10.5
71000	VHF NAVIGATION SYS	0.2
71D00	ILS AN/ARN-147	6.4
71DA0	RECEIVER	24.1
71DA1	CONTROL	7.5
71DA6	ELECT WIRING/CONNEC	4.2
71DAD	MARKER BEA.RECEIVER	0.7
71DAE	MARKER BEA.INSTRUM.	1.0
71Z00	RADIO ARN 118	6.4
71ZA0	R C (RT 1159/A)	59.9
71ZB0	CONVERTER, DIG/ANA	27.0
71ZC0	MOUNT (MT 4681/A)	22.0
71ZD0	CONTROL UNIT(C9603	40.8
71ZHA	ANTENNA (LOWER)	2.3
71ZHG	SWITCH, NAV MODE	0.8
74000	FIRE CONTROL	2.0
74119	NOC	2.5
74200	OPTICAL SIGHT	12.4
74219	NOC	3.6
7421A	SIGHT, GUN	19.6
75112	RACK, BOMB MA 4	139.2
75119	NOC	1.8
75219	NOC	2.0
7521A	PANEL, ARM CONTROL	8.3
7521E	SWITCH, MODE SELECT	1.7
7521F	LIGHT, ARM HOT	0.5

3BC-44
SHEPPARD AFB
AIRCRAFT MAINTENANCE

APPENDIX 3BC
AT-38 WORKLOAD DATA

F41689-01-C-0029

7521J	CIRCUIT BREAKER	6.0
75600	DISPENSER, SUU 20	13.5
77000	PHOTO RECON SYSTEM	1.0
77111	CAMERA BODY	0.3
91110	GENERAL	1.0
97AAA	ACTUATOR,ROTARY TCI	5.6
97ABC	CATAPULT,CKU7/A TCI	35.5
97ACC	INITIATOR,M27 (TCI)	14.0
97ACD	INITIATOR,M31 (TCI)	2.0
97ACM	INITIATOR BPIR(TCI)	7.4
97ACN	INITIATOR 1007-4	24.3
97ACP	INITIATOR 1010-4	38.0
97ACQ	INITIATOR 1139-5	20.0
97AD0	THRUSTERS	2.0
97ADE	HOSE BALLISTIC THRUS	8.5
97ADF	THRUSTER M25A1(TCI)	32.0
97AEA	CART. DR GUN (TCI)	1.5
		39288.5
ON/OFF MMH	39288.5	
General Support	14252.5	
Weapons Loading	14482	
Flying Hours	6224	
Assigned Aircraft	25	
Maintenance ManHours Per Flying	10.92914524	

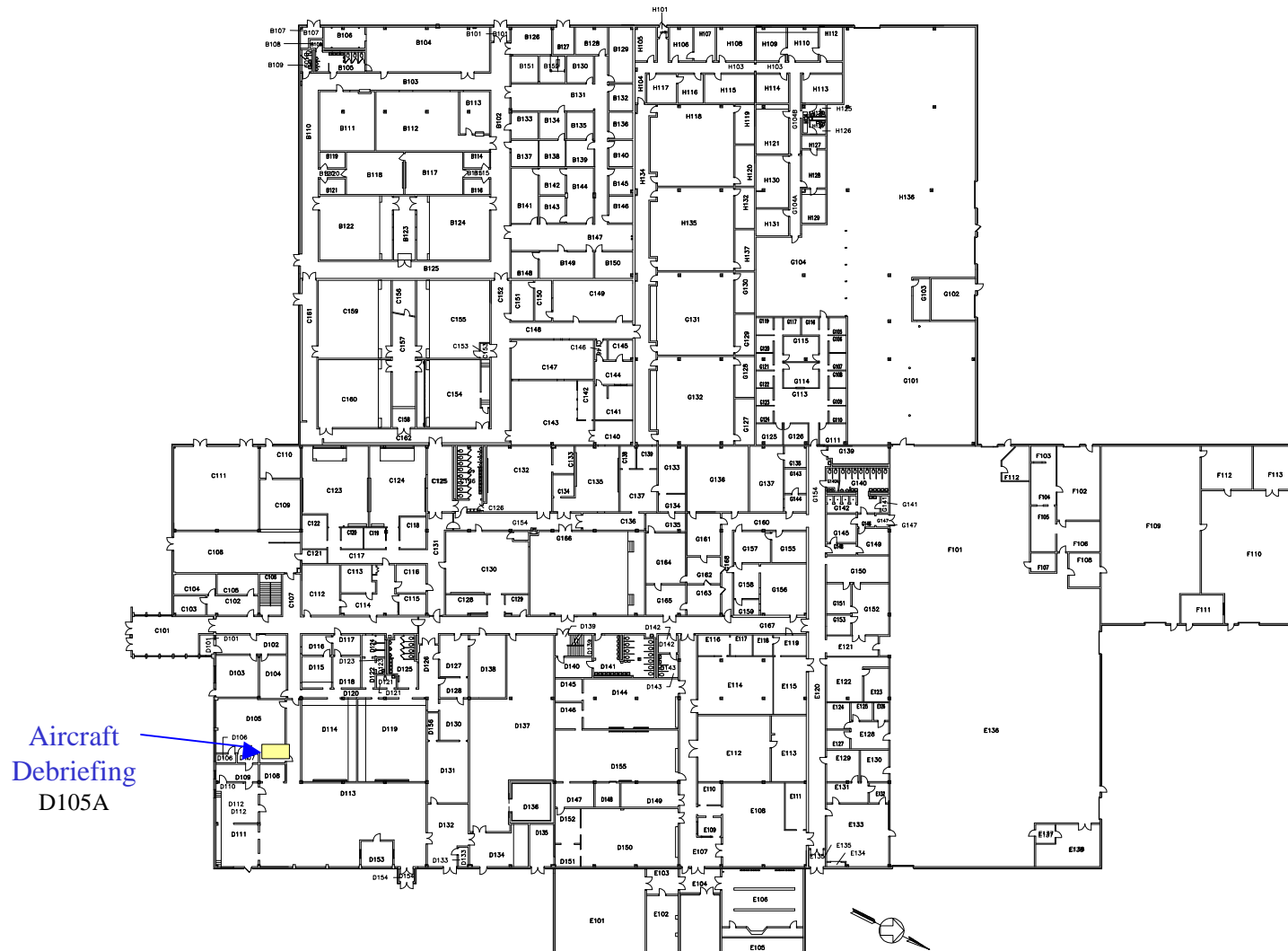
APPENDIX 3C

SHEPPARD AFB AIRCRAFT MAINTENANCE
MAPS AND WORK AREA LAYOUT

F41689-01-C-0029

SHEPPARD AFB AIRCRAFT
MAINTENANCE

80 FTW - Shared Occupancy



Aircraft
Debriefing
D105A

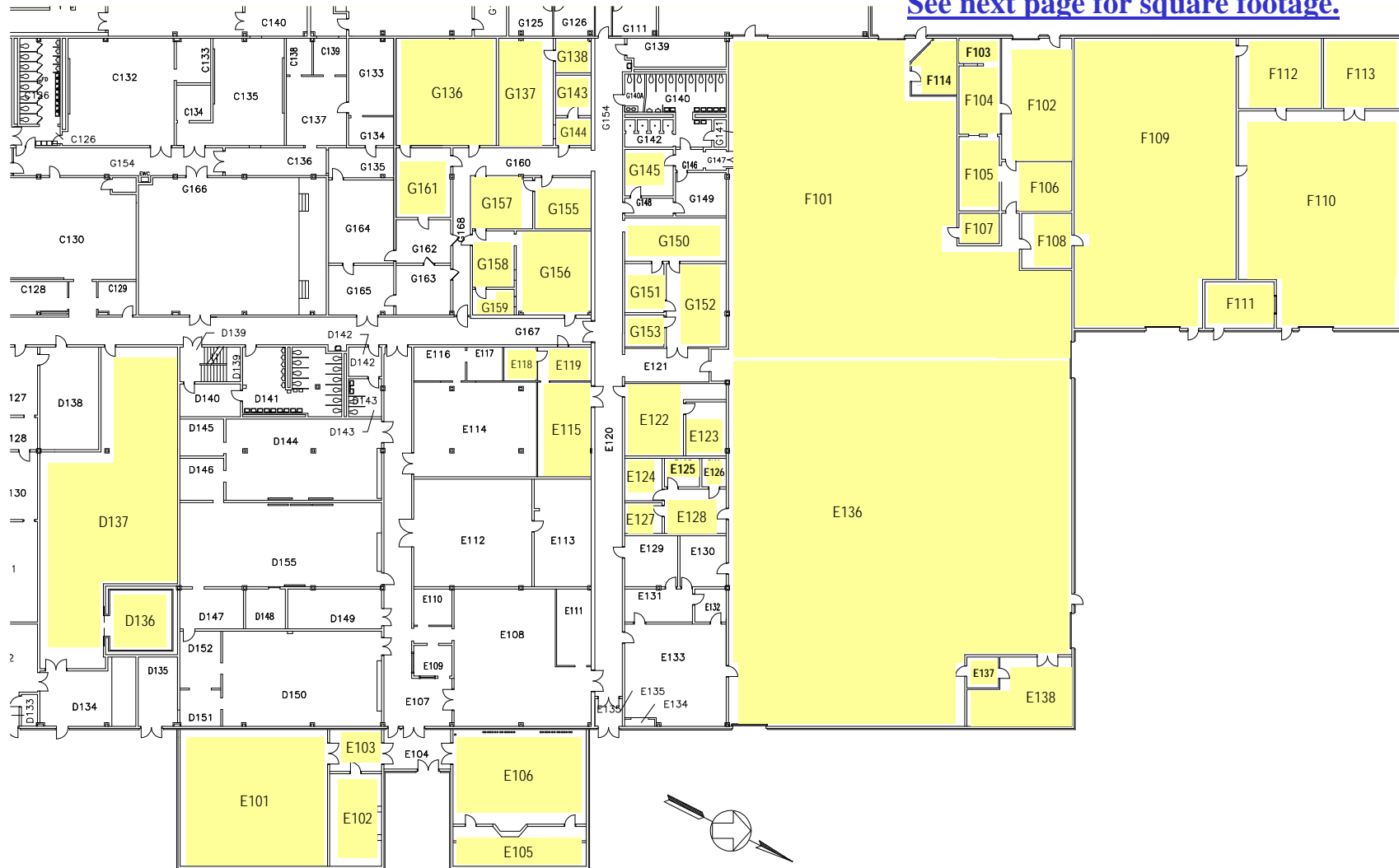
BUILDING 2320 — FIRST FLOOR

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-2

80 FTW - Shared Occupancy

See next page for square footage.



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-3

80 FTW - Shared Occupancy

Total Building Square Footage: 151,748

Service Provider Sq Ft Occupancy: 40,717

<u>Room</u>	<u>Current Usage</u>	<u>Sq Ft</u>
D105A	Aircrew Debriefing Section	124
D136	Survival Equipment	312
D137	Survival Equipment	2,644
E101	Fabric Shop	1,682
E102	Fabric Shop (Storage)	397
E105	Comm/Nav/Instruments/Electrics (Dispatch)	420
E106	Comm/Nav/Instruments/Electrics (Dispatch)	1,068
E115	Data Management (Analysis/DBM)	424
E118	Data Management (Storage)	91
E119	Data Management (DBM)	151
E122	Program Manager Administration	415
E123	Program Manager	182
E124	Field Maintenance Branch Office	133
E125	Field Maintenance Branch Office	84
E126	Field Maintenance Branch Office	58

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-4

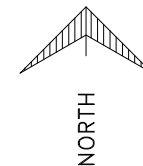
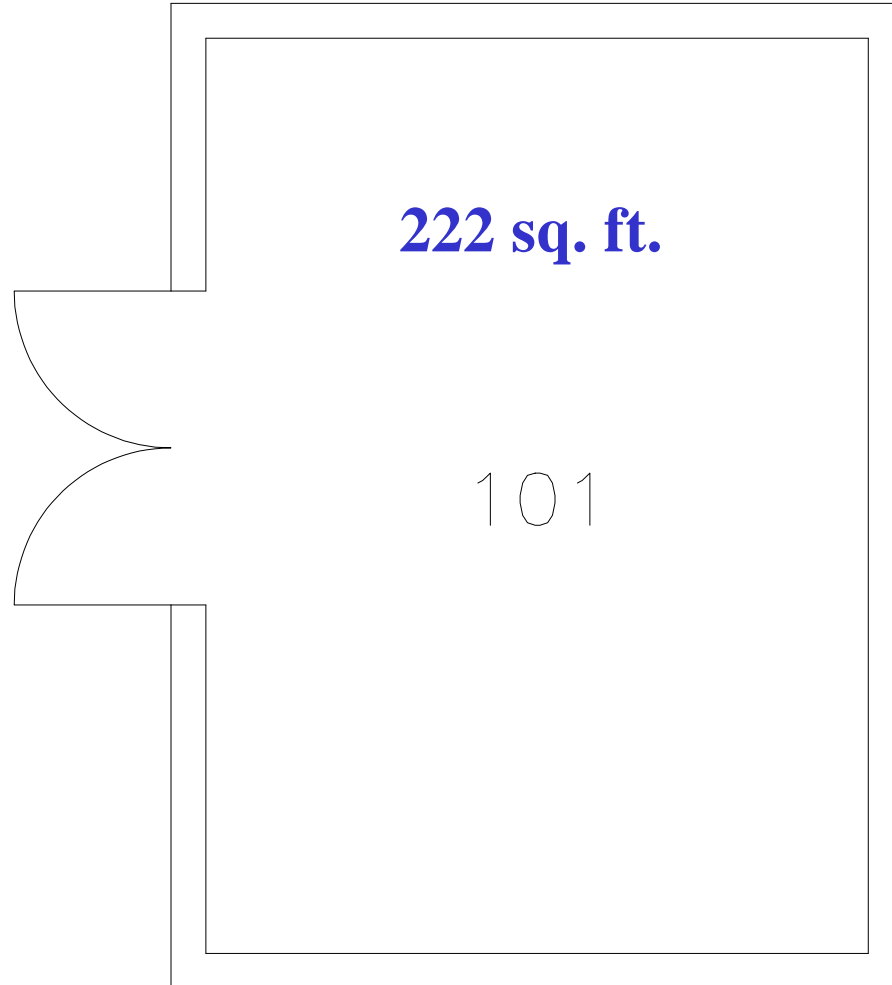
80 FTW - Shared Occupancy

<u>Room</u>	<u>Current Usage</u>	<u>Sq Ft</u>
E127	Field Maintenance Branch Office	96
E128	Field Maintenance Branch Office	229
E136	Welding/Machine Shops	9,912
E137	Compressor Rm	81
E138	Sheet Metal Sanding Rm	517
F101	Sheet Metal	6,996
F102	Repair Cycle Management Office	709
F103	Repair Cycle Management Office	327
F104	Repair Cycle Management Office	238
F105	Repair Cycle Management Office	251
F106	Repair Cycle Management Office	289
F107	Sheet Metal Rm	103
F108	Ante room/vending machine/Lockers	232
F109	Pnuedraulics/Wheel & Tire	3,796
F110	Comm/Nav/Instruments/Electrics	2,800
F111	Control Rm	270
F112	Comm/Nav/Instruments/Electrics	489
F113	Comm/Nav/Instruments/Electrics	455

80 FTW - Shared Occupancy

<u>Room</u>	<u>Current Usage</u>	<u>Sq Ft</u>
F114	Sheet Metal Rm	190
G136	Plans, Scheduling, and Documentation	898
G137	Quality Support	490
G138	Quality Support	102
G143	Quality Support	121
G144	Quality Support	83
G145	Personnel/Finance	190
G150	Personnel/Finance	367
G151	Personnel/Finance	160
G152	Personnel/Finance	418
G153	Personnel/Finance	105
G155	Conference Room	241
G156	Maintenance Operations Center	523
G157	Deputy Program Manager	255
G158	Ante room/copier	195
G159	Maintenance Operations	88
G161	Plans, Scheduling, and Documentation	319

Compressor Bldg



FIRST FLOOR PLAN BLDG

2323

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-7

Propulsion Shop Bldg

See next page for square footage.



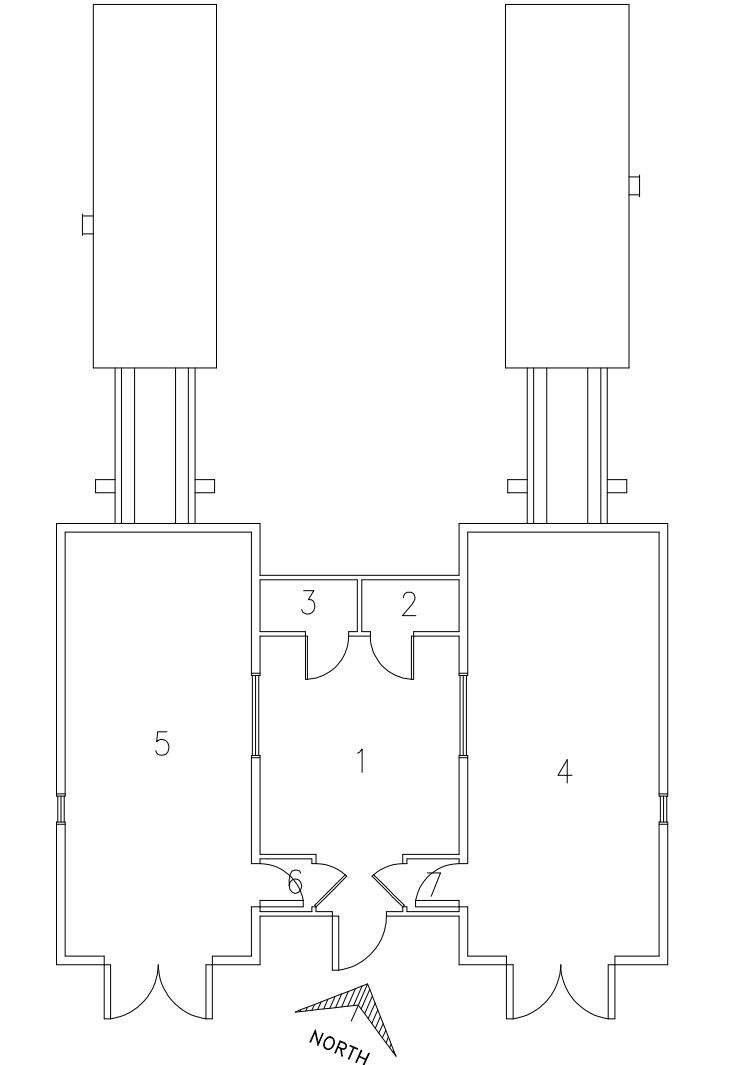
BUILDING 2325 — FIRST FLOOR

Propulsion Shop Bldg

<u>Room</u>	<u>Sq Ft</u>	<u>Room</u>	<u>Sq Ft</u>
01	576	14	605
02	434	15	1,053
03	34	16	400
04	235	17	260
05	607	18	585
06	317	19	411
07	261	20	264
08	588	21	271
09	25	22	168
10	226	23	166
11	1,903	24	149
12	400	25	9,768
13	575	26	11,603

Total: 31,883

Test Cell Bldg



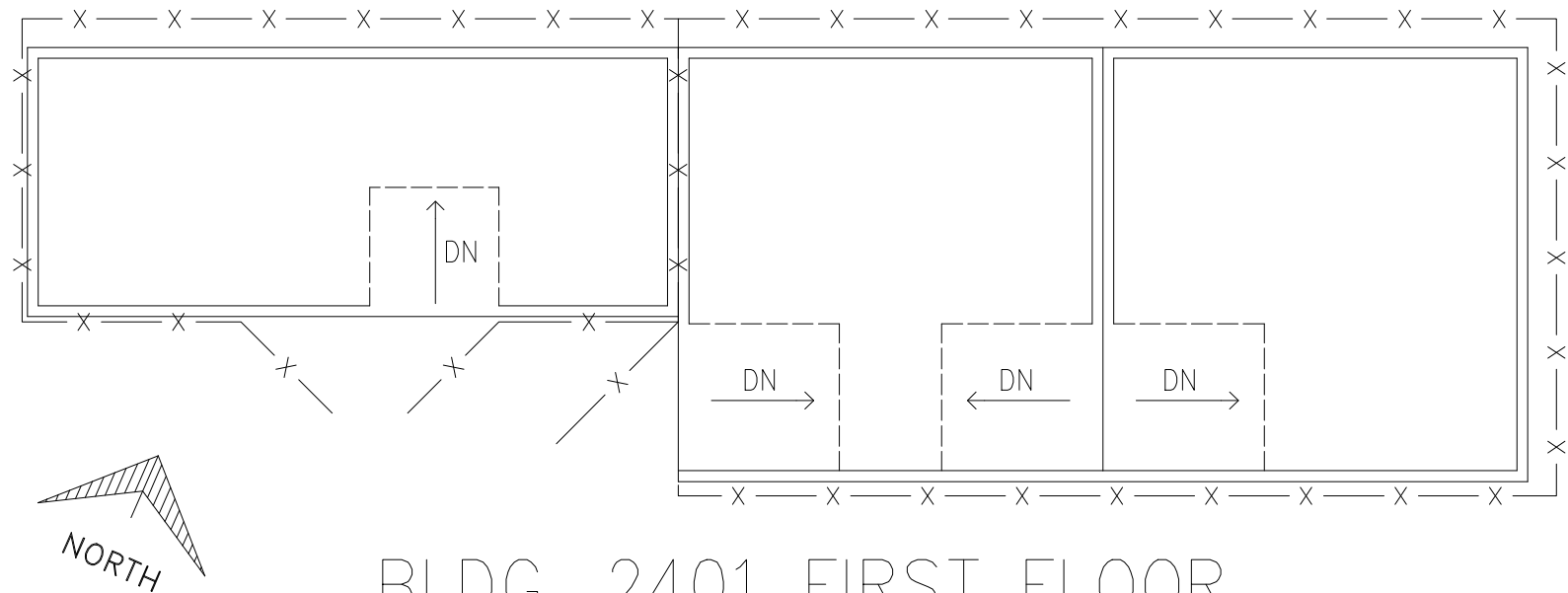
<u>Room</u>	<u>Sq Ft</u>
01	288
02	30
03	30
04	482
05	468
06	16
07	16
Total:	1,330

BLDG.2400 FIRST FLOOR

SHEPPARD AFB AIRCRAFT
MAINTENANCE

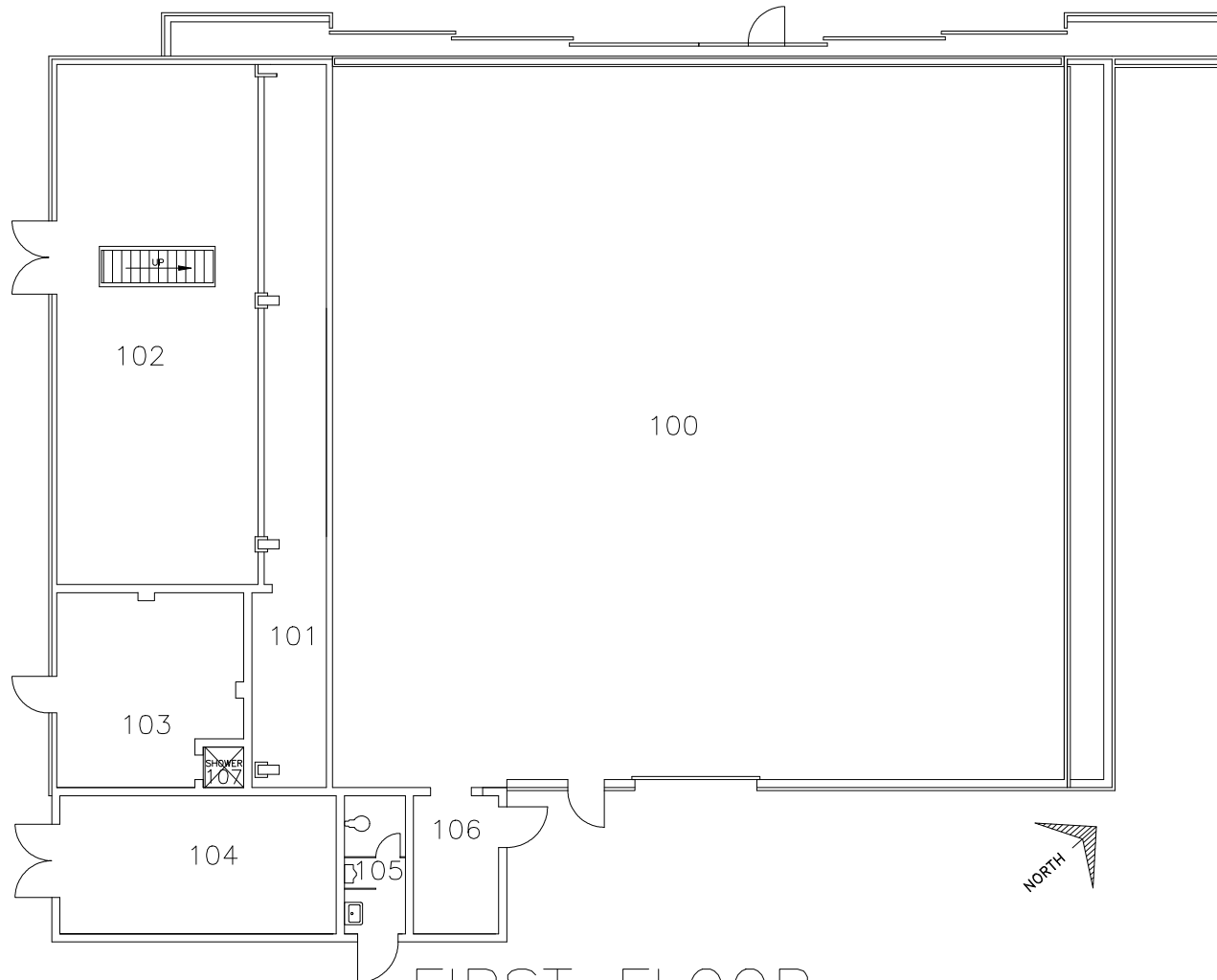
Hazardous Waste Storage Facility

1,175 sq. ft.



BLDG. 2401 FIRST FLOOR
HAZARDOUS WASTE ACCUMULATION POINT

Paint Hangar



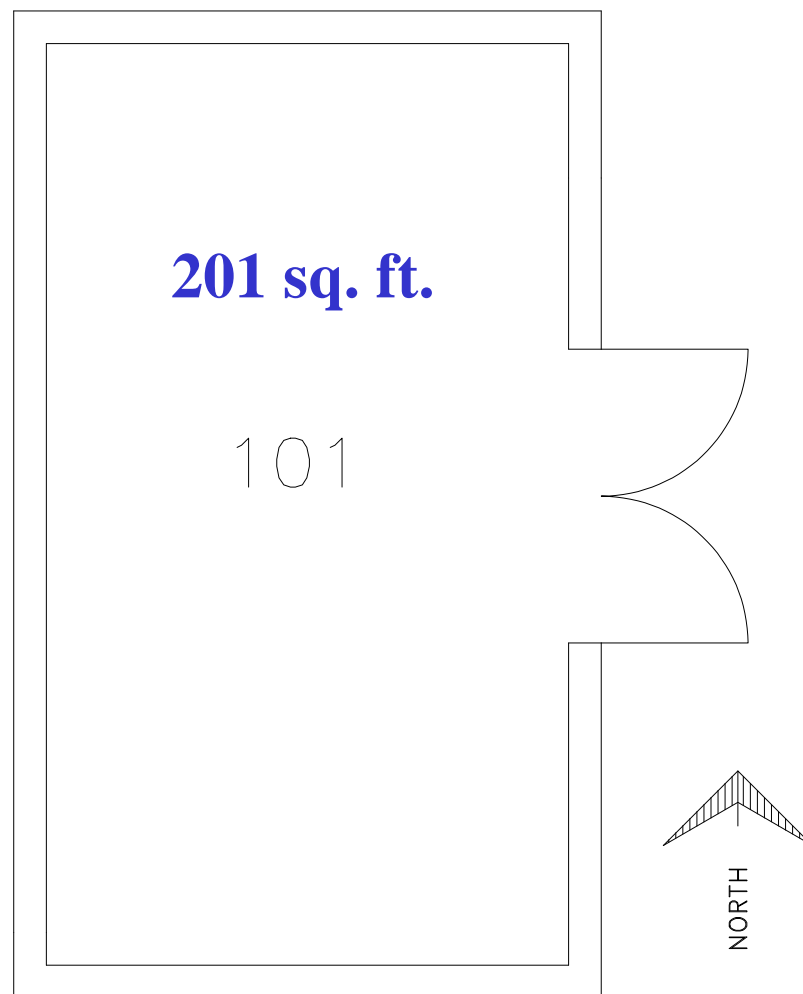
FIRST FLOOR
BUILDING 2402

<u>Room</u>	<u>Sq Ft</u>
100	3,723
101	315
102	704
103	228
104	257
105	57
106	79
107	11
Total:	5,374

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-12

Paint Storage Bldg



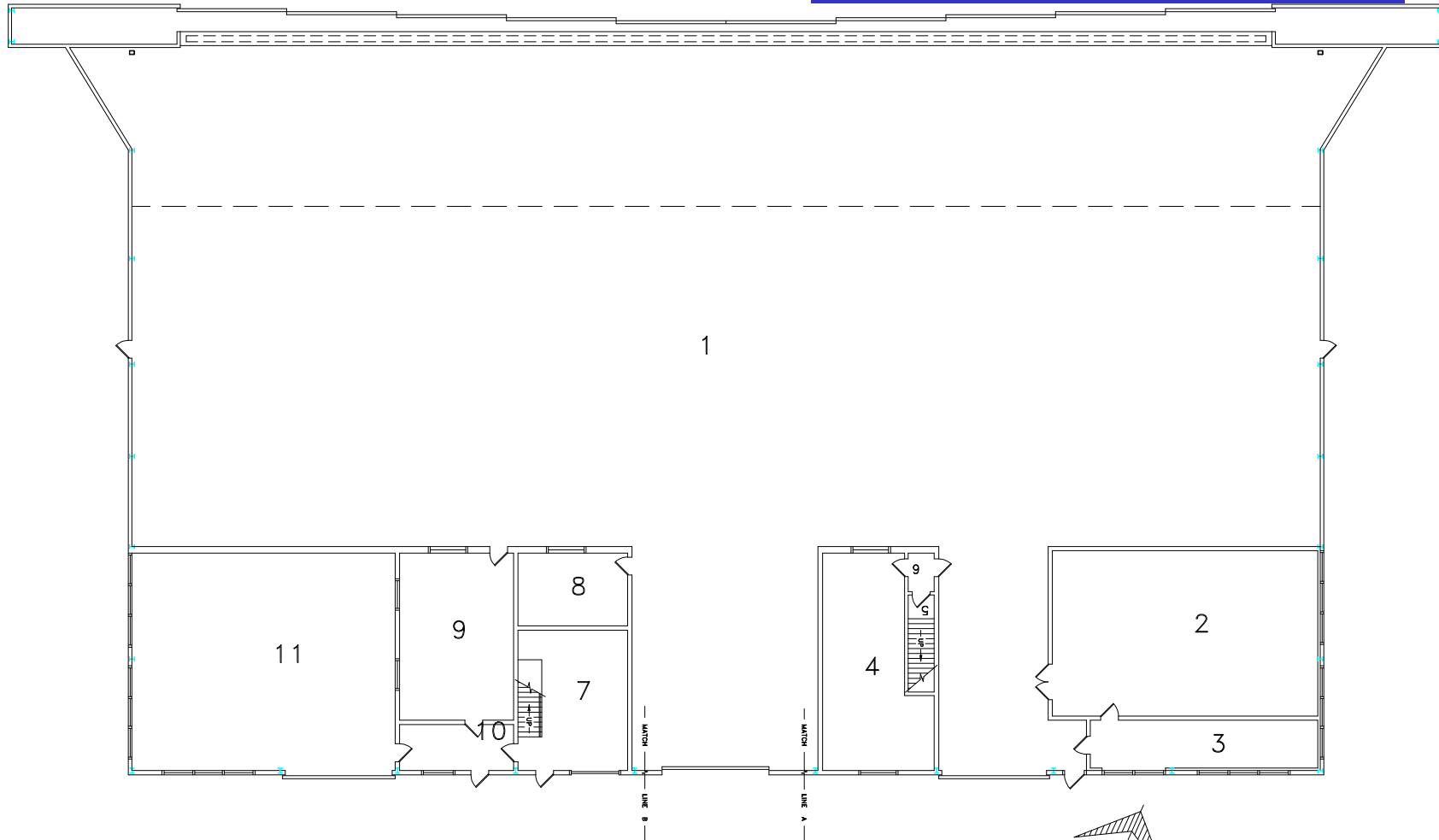
FIRST FLOOR PLAN BLDG 2403

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-13

T-38 Unscheduled Hangar

See page after next page for square footage.

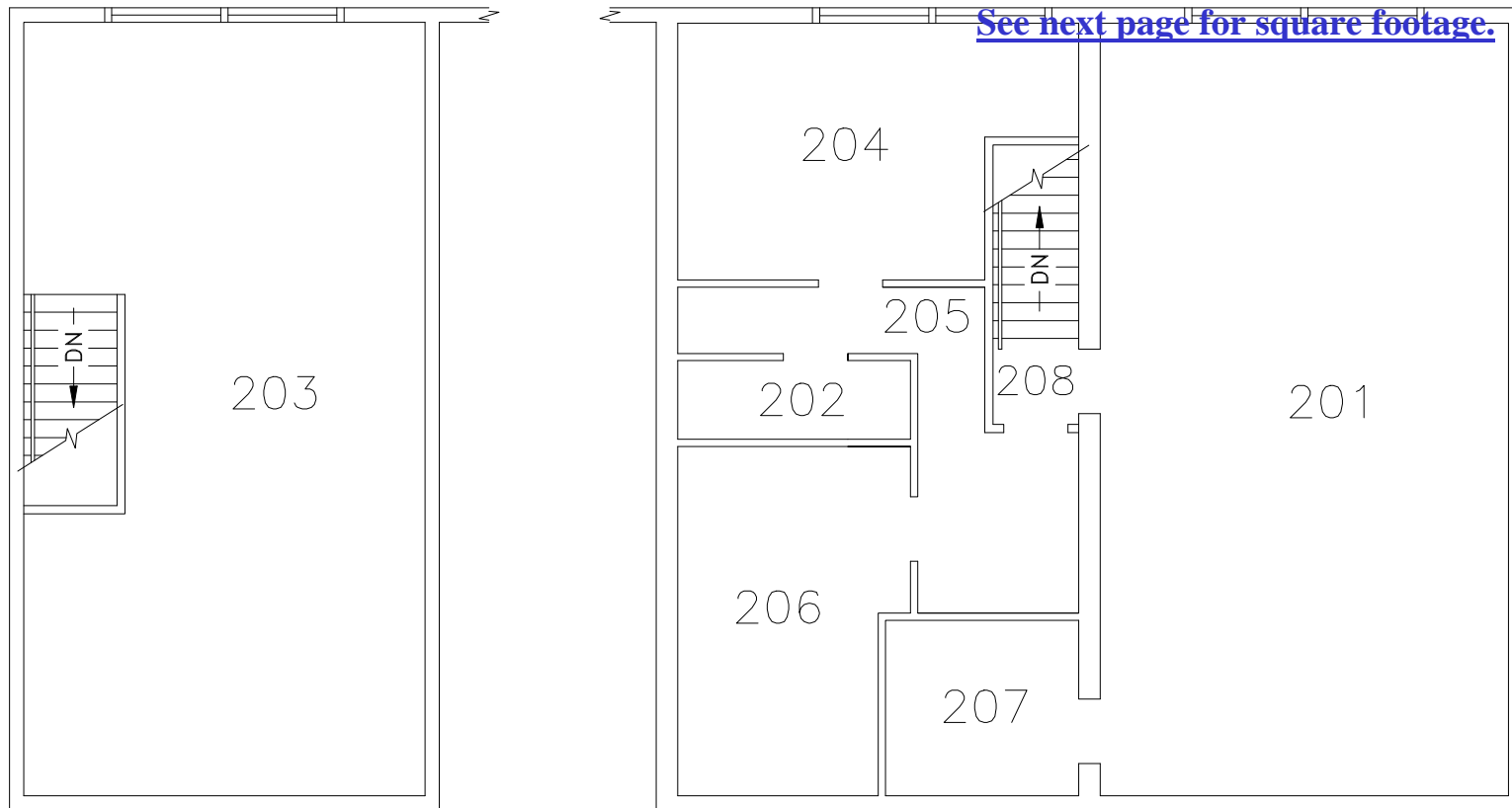


FIRST FLOOR PLAN BLDG. 2404

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-14

T-38 Unscheduled Hangar



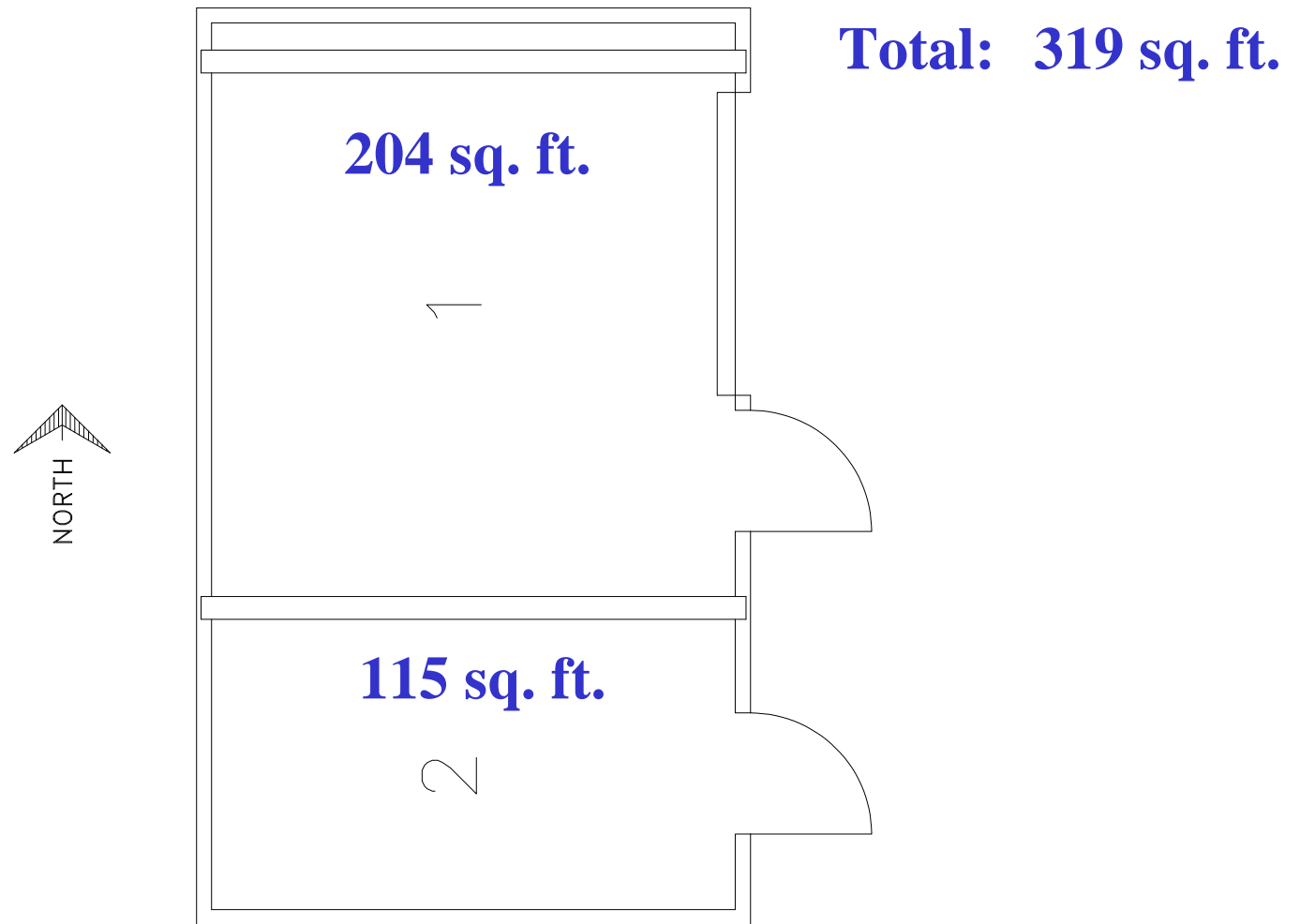
BUILDING 2404 — SECOND FLOOR

T-38 Unscheduled Hangar

<u>Room</u>	<u>Sq Ft</u>	<u>Room</u>	<u>Sq Ft</u>
01	19,415	201	683
02	1247	202	40
03	314	203	624
04	570	204	194
05	72	205	119
06	29	206	163
07	438	207	74
08	226	208	52
09	539		
10	149		
11	1624		

Total: 26,572

Distillation Unit Bldg



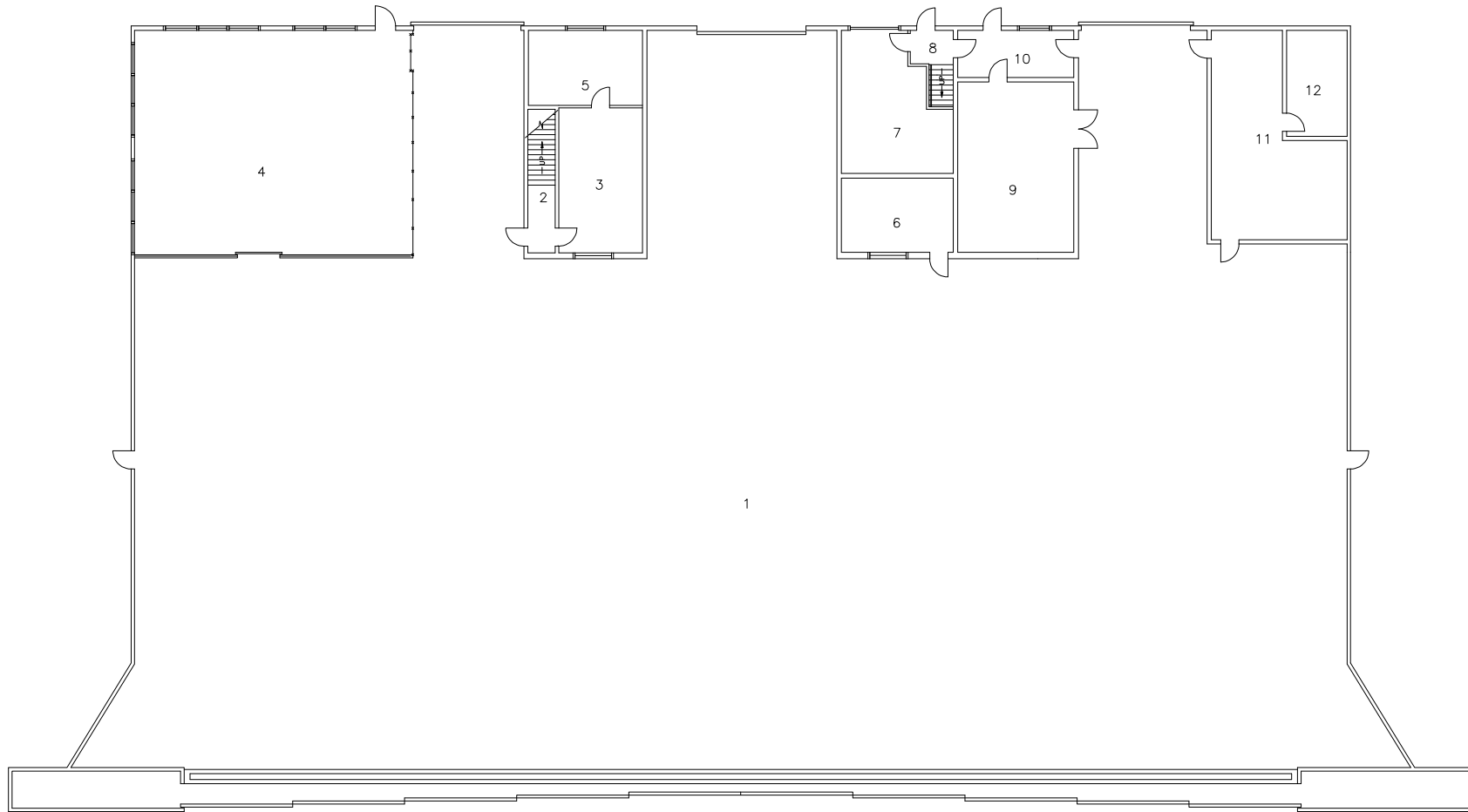
FIRST FLOOR PLAN BLDG 2405

SHEPPARD AFB AIRCRAFT
MAINTENANCE

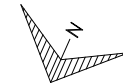
3C-17

T-38 Scheduled Hangar

See page after next page for square footage.



BUILDING 2406 — FIRST FLOOR

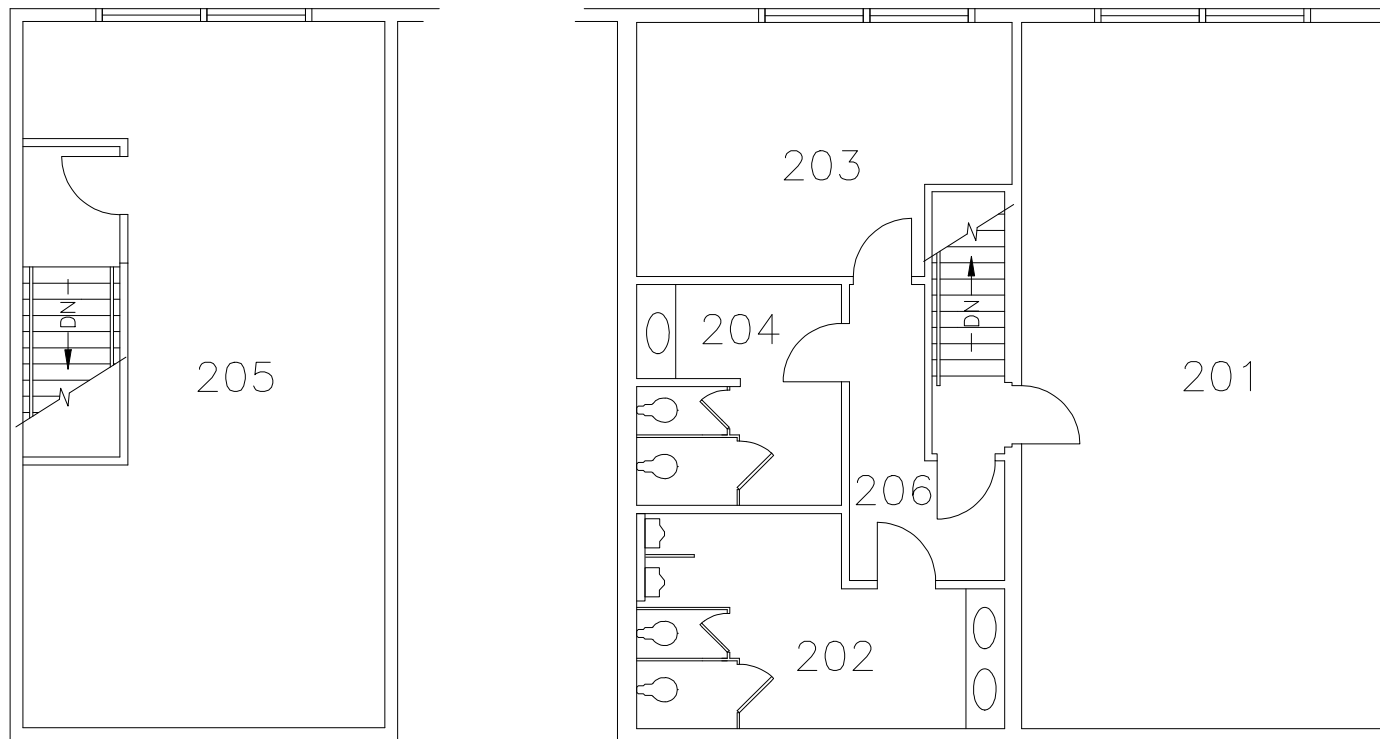


SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-18

T-38 Scheduled Hangar

See next page for square footage.



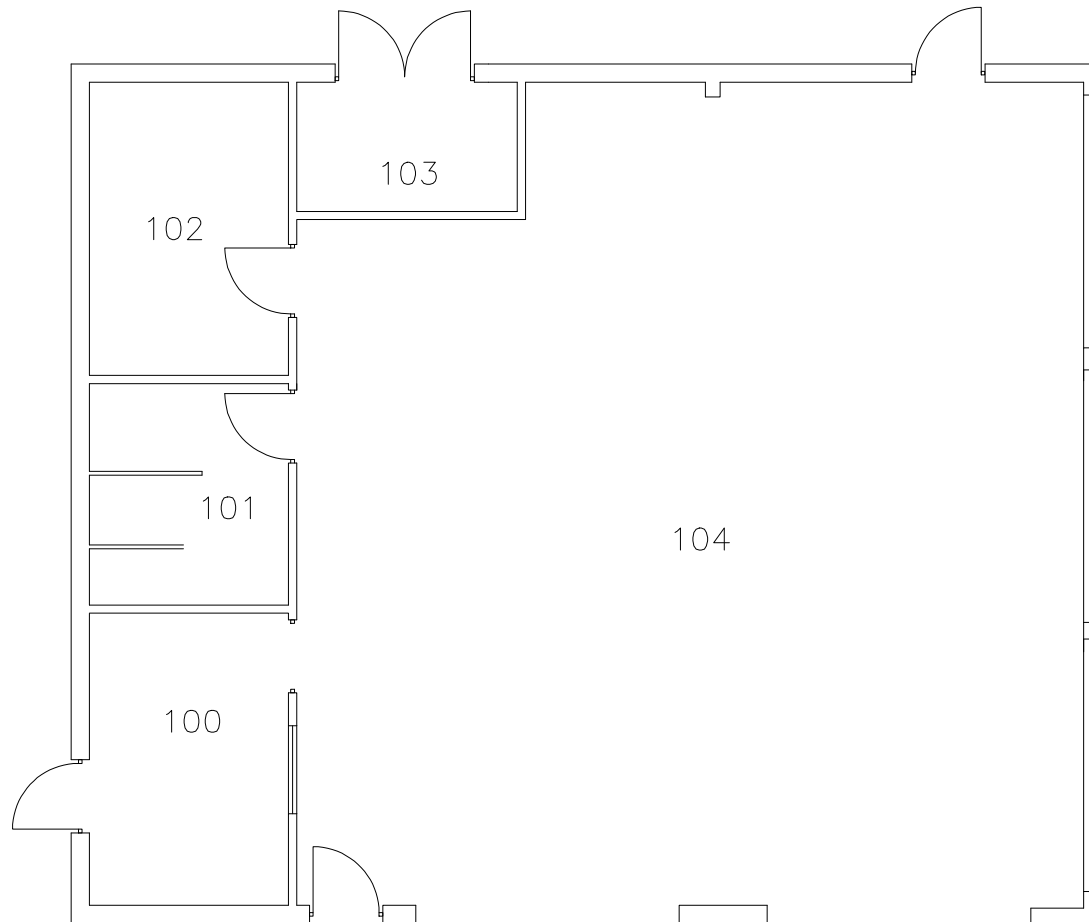
BUILDING 2406 — SECOND FLOOR

T-38 Scheduled Hangar

<u>Room</u>	<u>Sq Ft</u>	<u>Room</u>	<u>Sq Ft</u>
01	21,004	201	685
02	107	202	178
03	331	203	232
04	1,696	204	118
05	233	205	587
06	226	206	85
07	360		
08	67		
09	539		
10	149		
11	581		
12	175		

Total: 27,353

Vehicle Maintenance Bldg



<u>Room</u>	<u>Sq Ft</u>
100	120
101	91
102	121
103	59
104	1,278
Total:	1,669

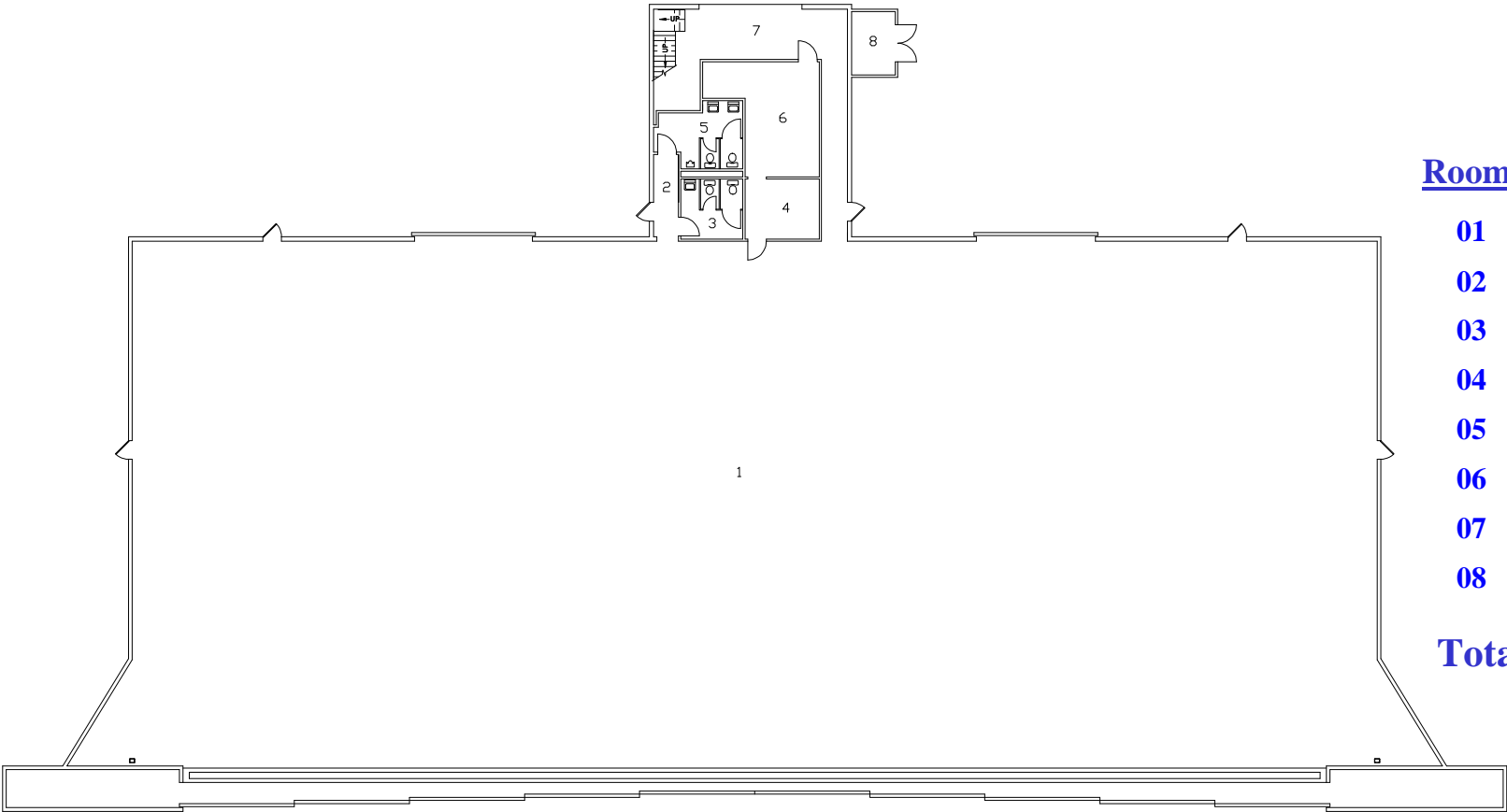
FIRST FLOOR BLDG 2407



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-21

T-37 Unscheduled Hangar

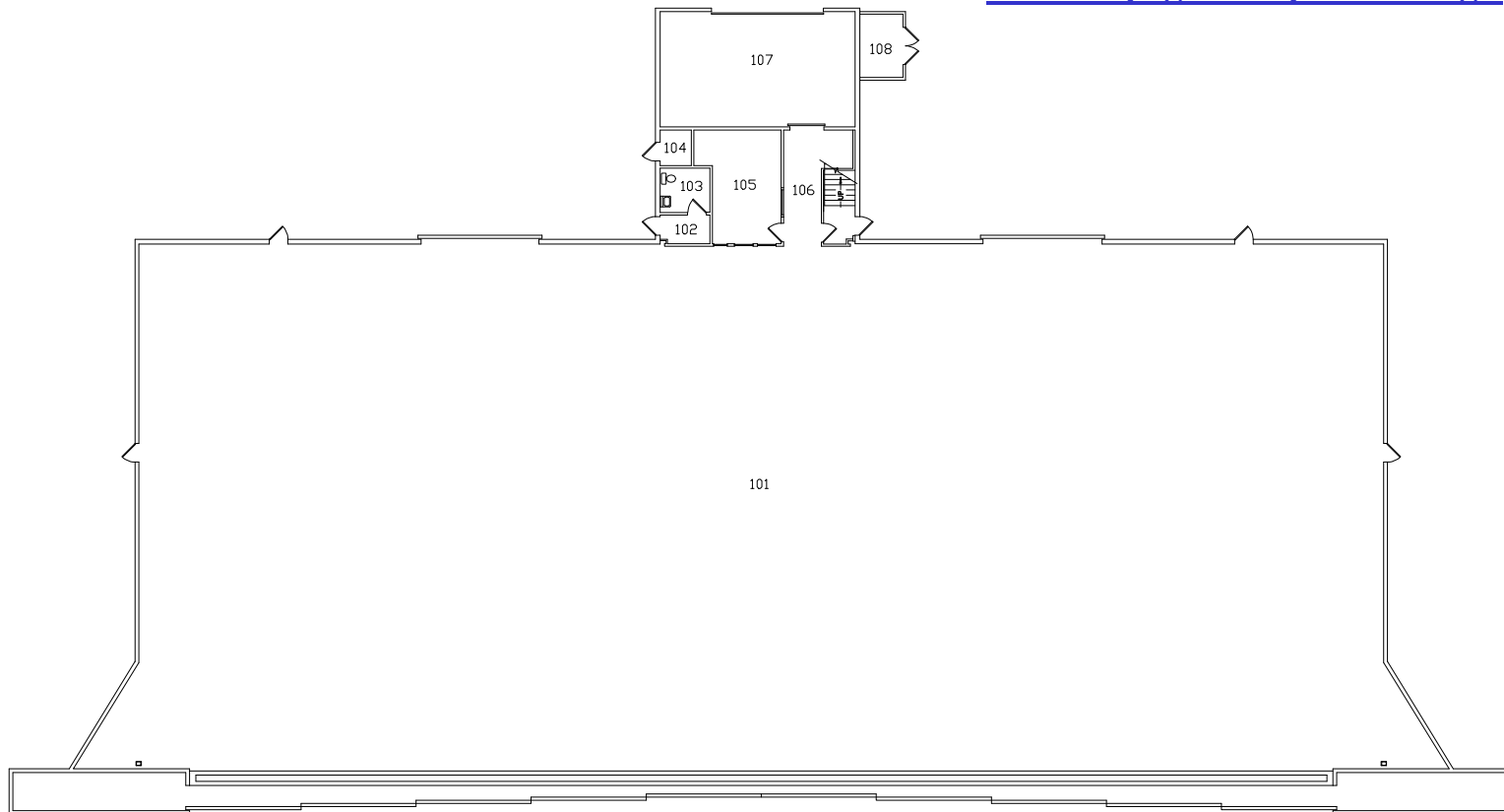


<u>Room</u>	<u>Sq Ft</u>
01	17,550
02	55
03	96
04	115
05	128
06	261
07	449
08	71
Total:	18,725

BUILDING 2408 — FIRST FLOOR

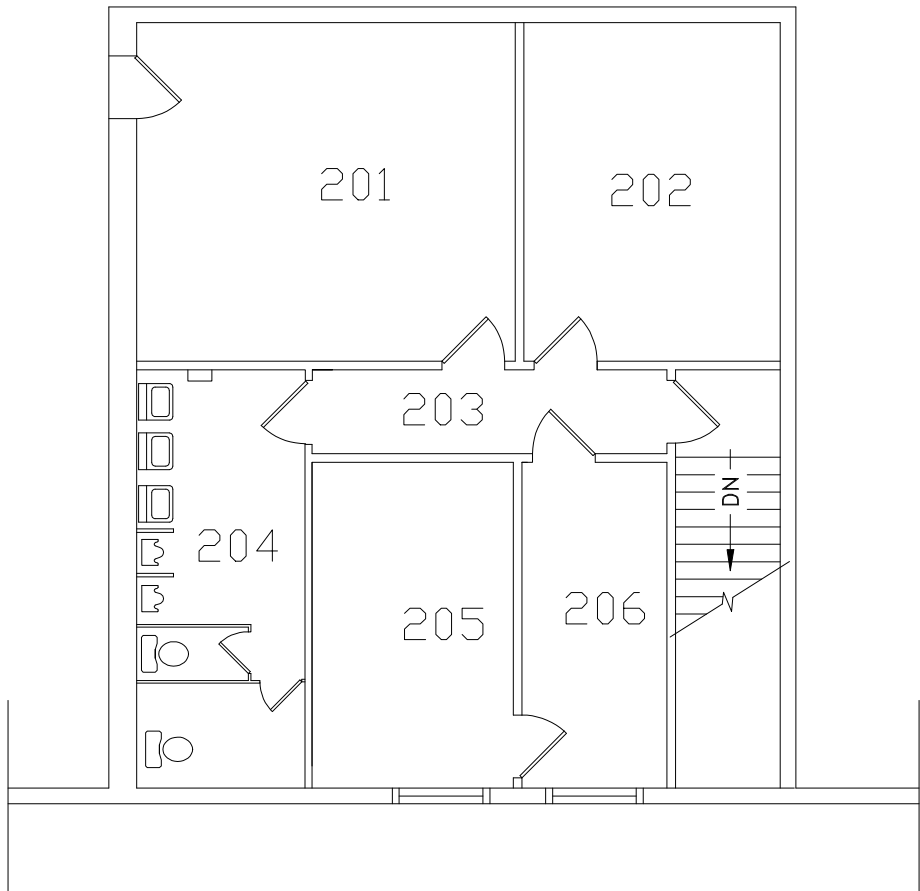
T-37 Scheduled Hangar

See next page for square footage.



BUILDING 2410 — FIRST FLOOR

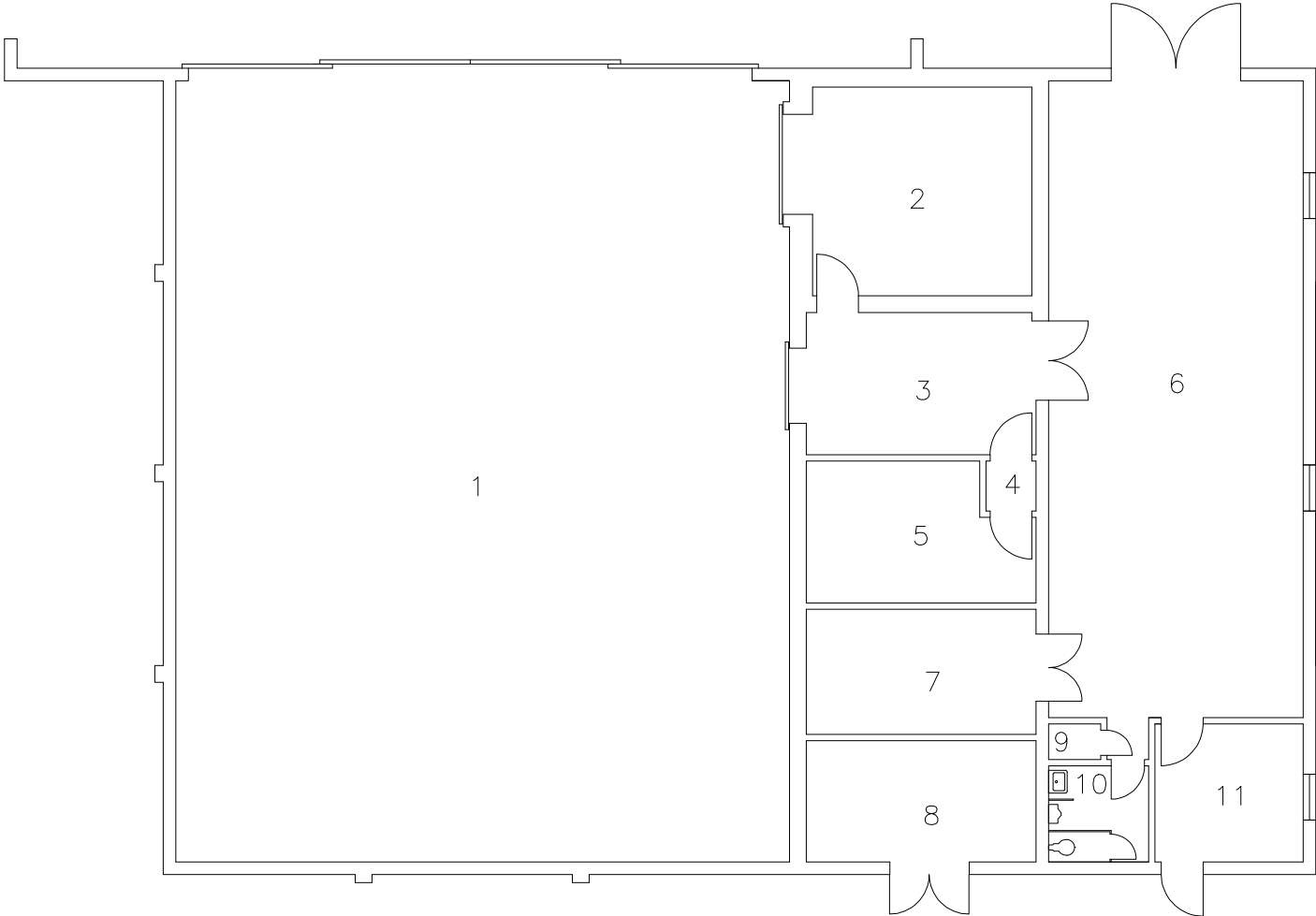
T-37 Scheduled Hangar



<u>Room</u>	<u>Sq Ft</u>	<u>Room</u>	<u>Sq Ft</u>
101	17,543	201	293
102	36	202	198
103	57	203	68
104	29	204	160
105	219	205	150
106	145	206	108
107	580		
108	70		
Total:		19,655	

BUILDING 2410 – SECOND FLOOR

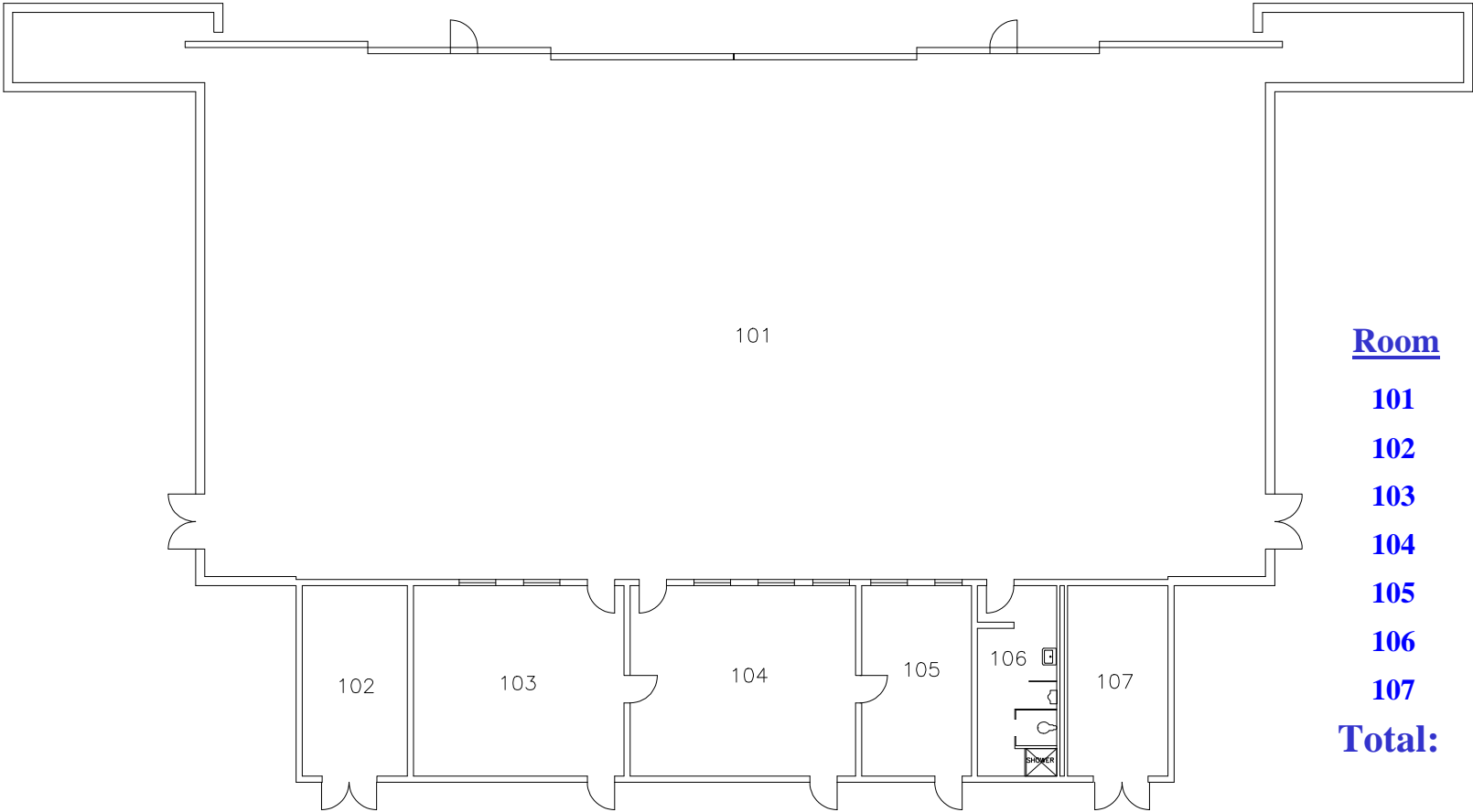
Non-Destructive Inspection Shop (NDI)



<u>Room</u>	<u>Sq Ft</u>
01	3,049
02	292
03	208
04	16
05	188
06	1,045
07	183
08	177
09	12
10	61
11	130
Total:	5,361

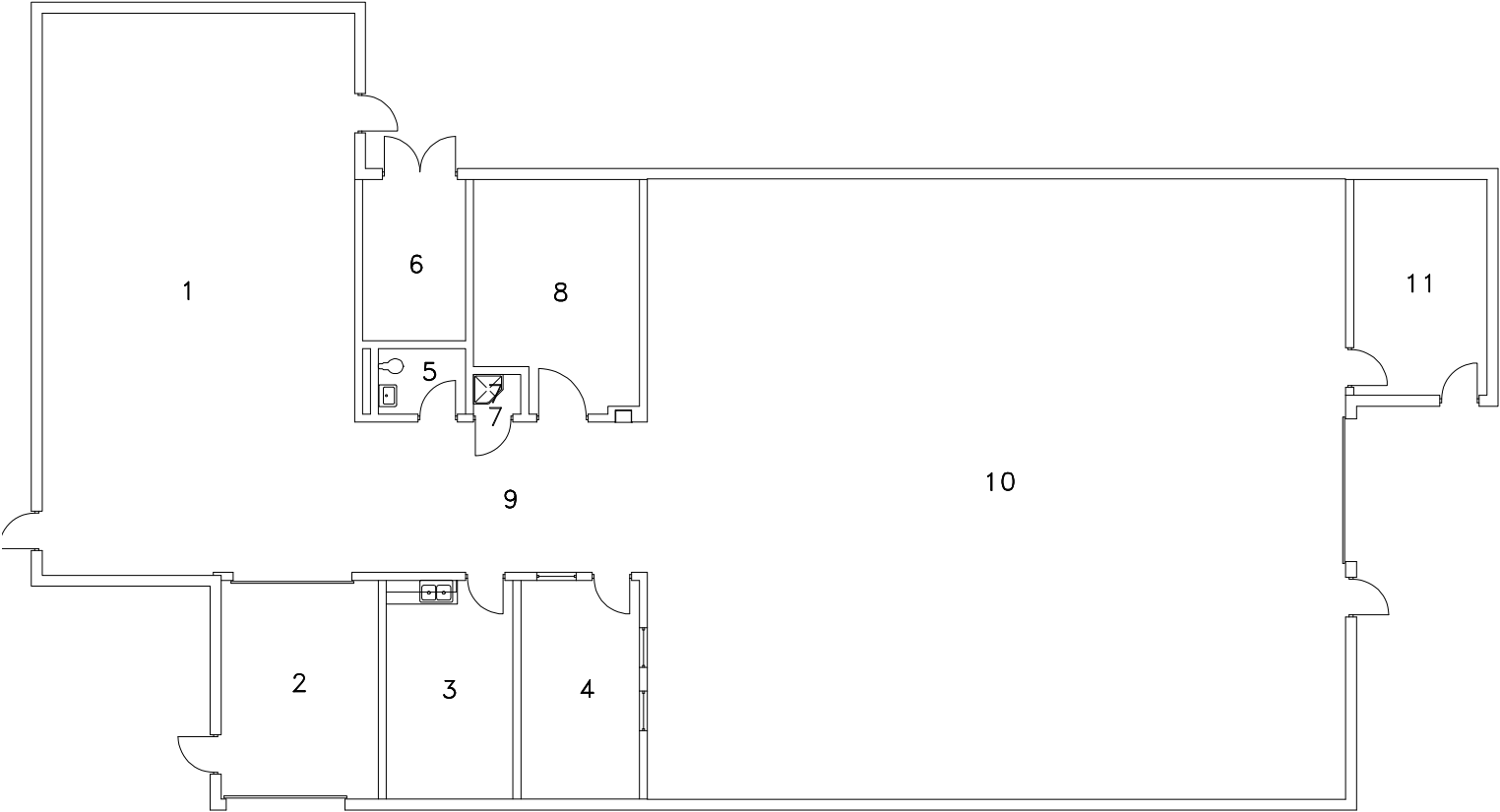
BUILDING 2412 — FIRST FLOOR

Fuel Cell Bldg



BUILDING 2414 — FIRST FLOOR

Aerospace Ground Equipment Shop

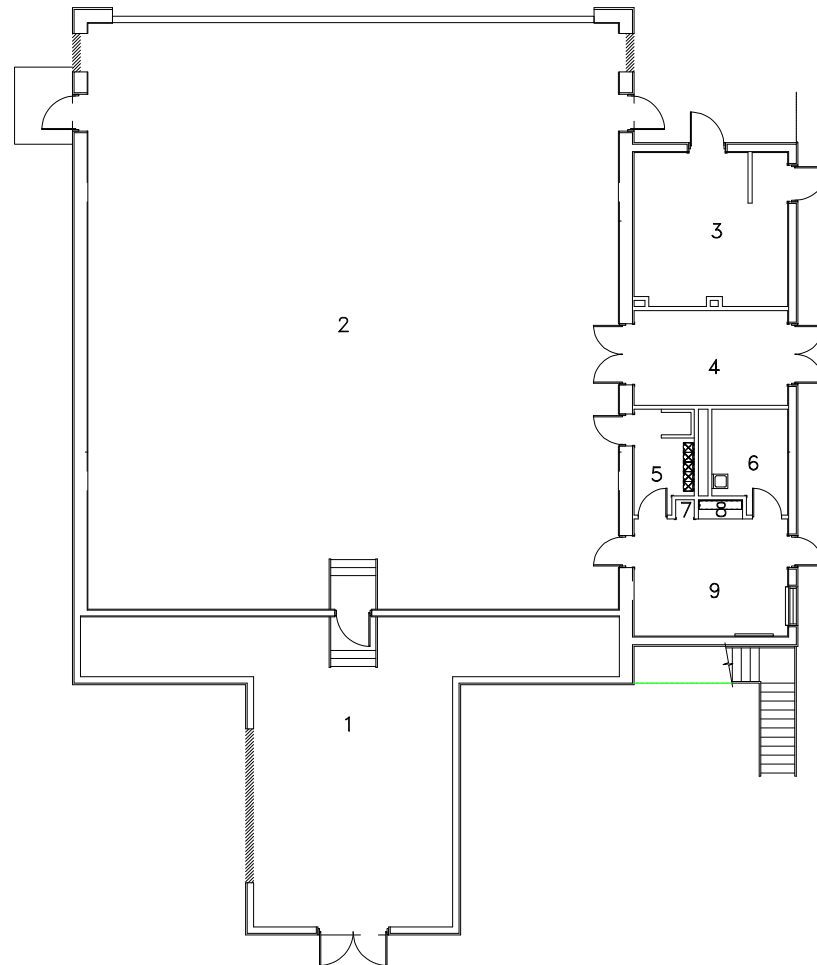


<u>Room</u>	<u>Sq Ft</u>
01	1,243
02	244
03	184
04	184
05	40
06	118
07	13
08	256
09	312
10	3,074
11	207
Total:	5,877

BUILDING 2416 — FIRST FLOOR

Plastic Media Blast Facility (PMB)

See next page for square footage.

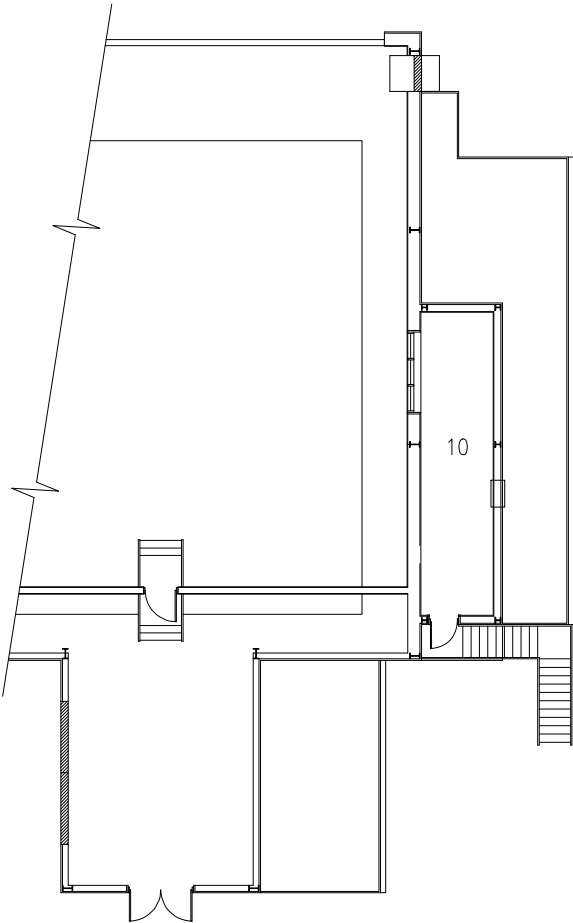


BUILDING 2418 — FIRST FLOOR

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-28

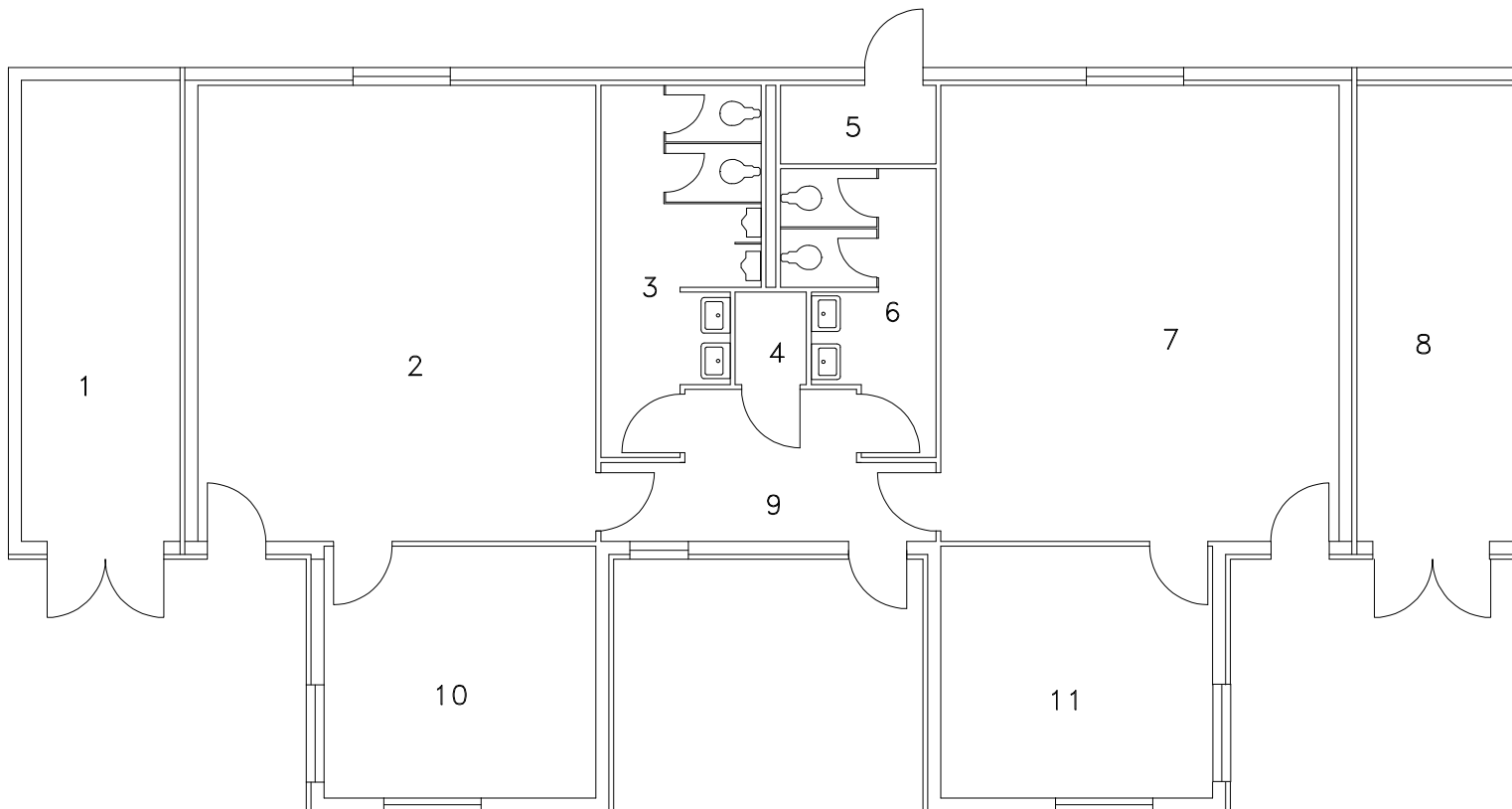
Plastic Media Blast Facility (PMB)



<u>Room</u>	<u>Sq Ft</u>
01	886
02	3,353
03	250
04	157
05	61
06	79
07	4
08	9
09	193
10	274
Total:	5,267

BUILDING 2418 – SECOND FLOOR

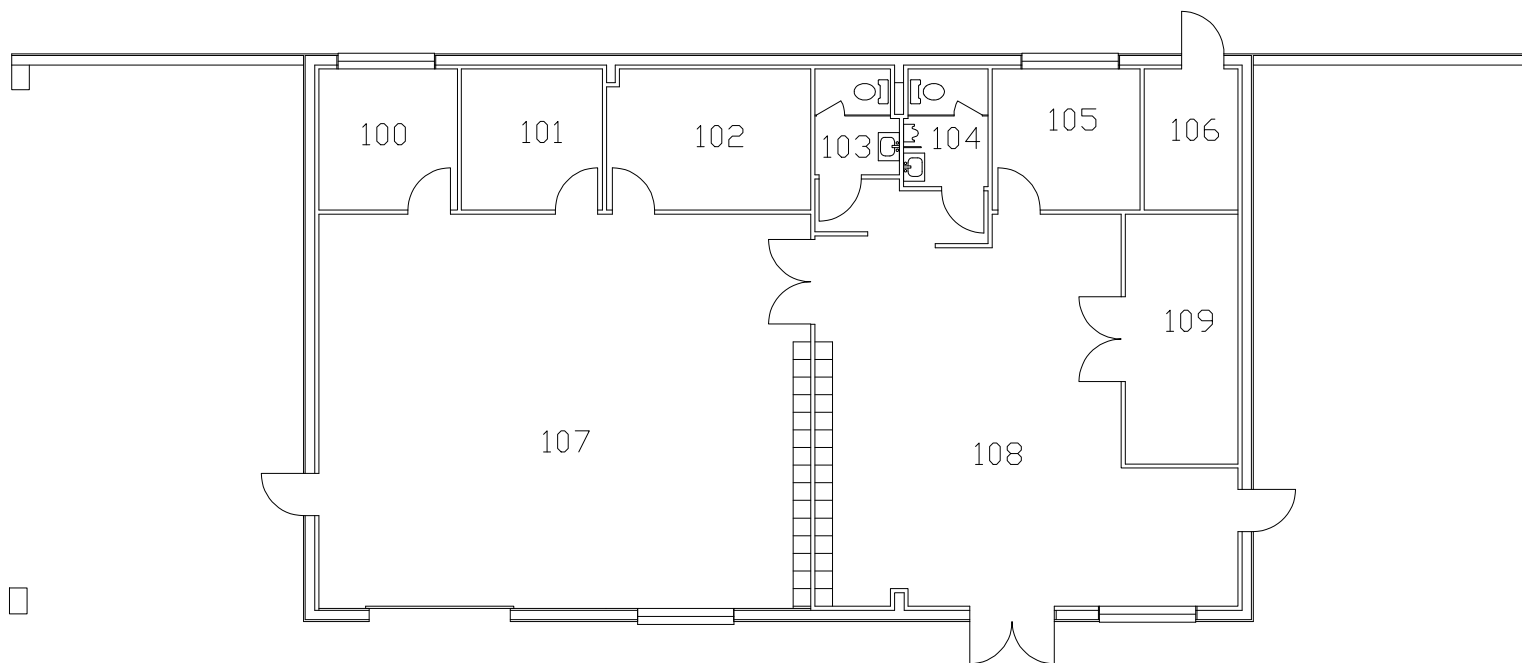
T-37 Flightline Bldg



<u>Room</u>	<u>Sq Ft</u>
01	194
02	481
03	134
04	17
05	32
06	94
07	481
08	192
09	103
10	181
11	181
Total:	2,091

BUILDING 2521 — FIRST FLOOR

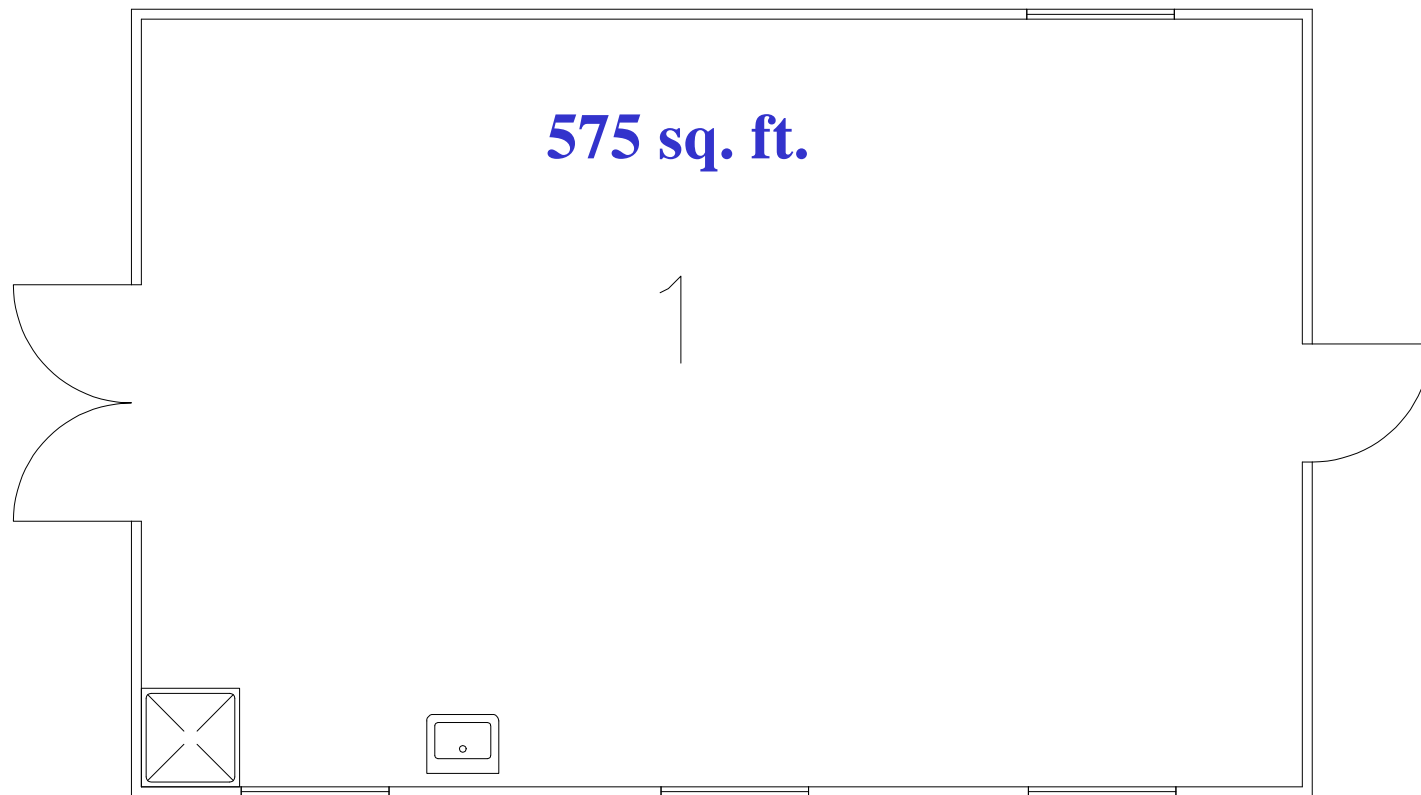
AT-38 Flightline Bldg



<u>Room</u>	<u>Sq Ft</u>
100	98
101	100
102	144
103	43
104	49
105	105
106	67
107	976
108	707
109	142
Total:	2,430

BUILDING 2522 — FIRST FLOOR

T-38 Pod Storage

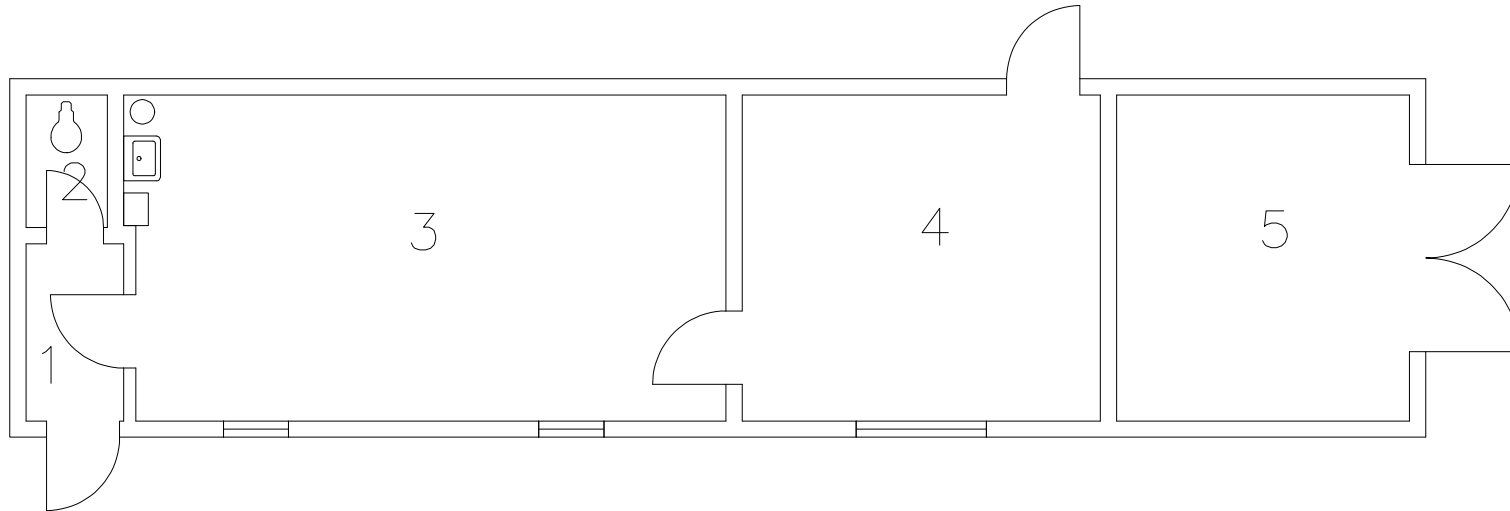


BUILDING 2530 — FIRST FLOOR

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-32

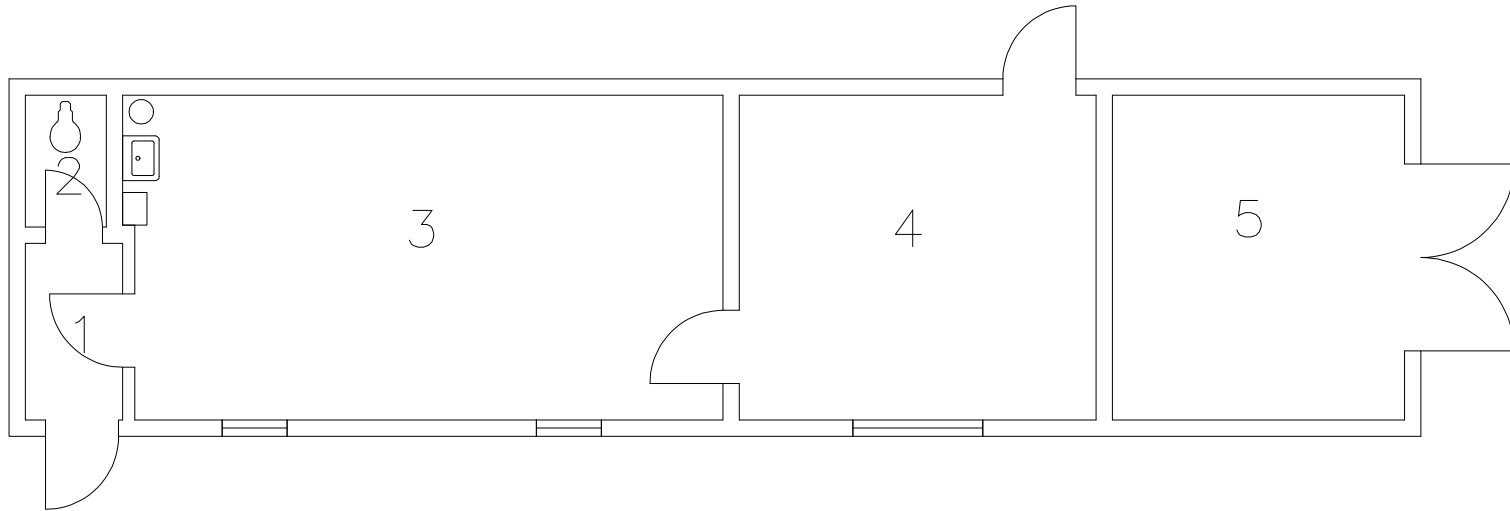
Repair Cycle Management Shop



BUILDING 2532 — FIRST FLOOR

<u>Room</u>	<u>Sq Ft</u>
01	29
02	18
03	325
04	196
05	160
Total:	728

T-37 Flightline Bldg



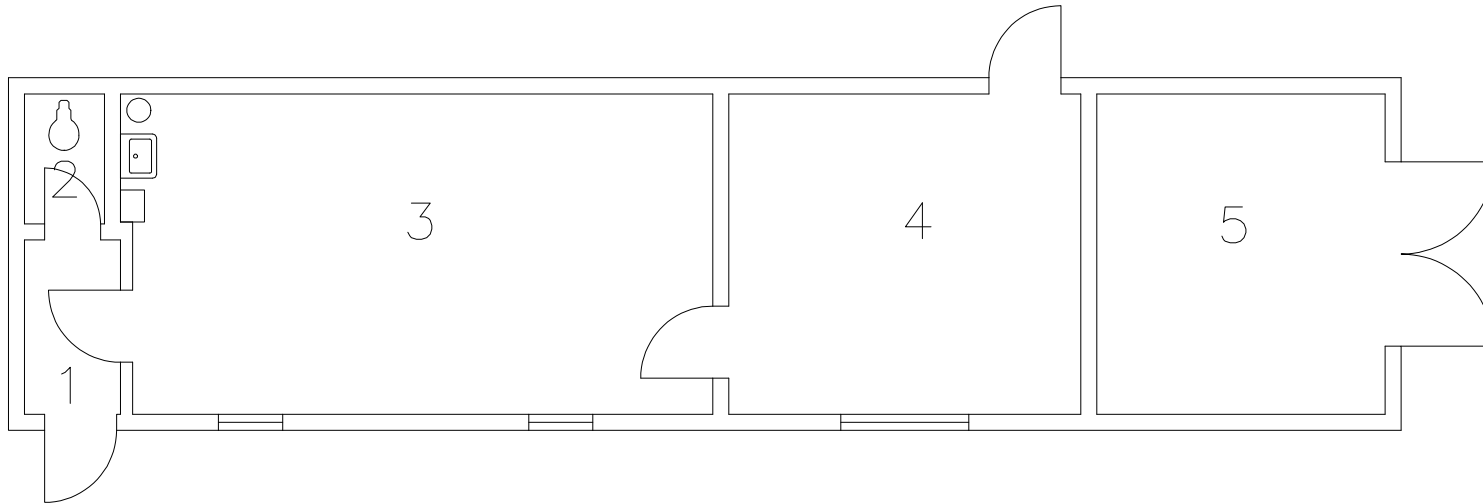
BUILDING 2534 — FIRST FLOOR

<u>Room</u>	<u>Sq Ft</u>
01	29
02	18
03	325
04	196
05	160
Total:	728

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-34

T-38 Flightline Bldg



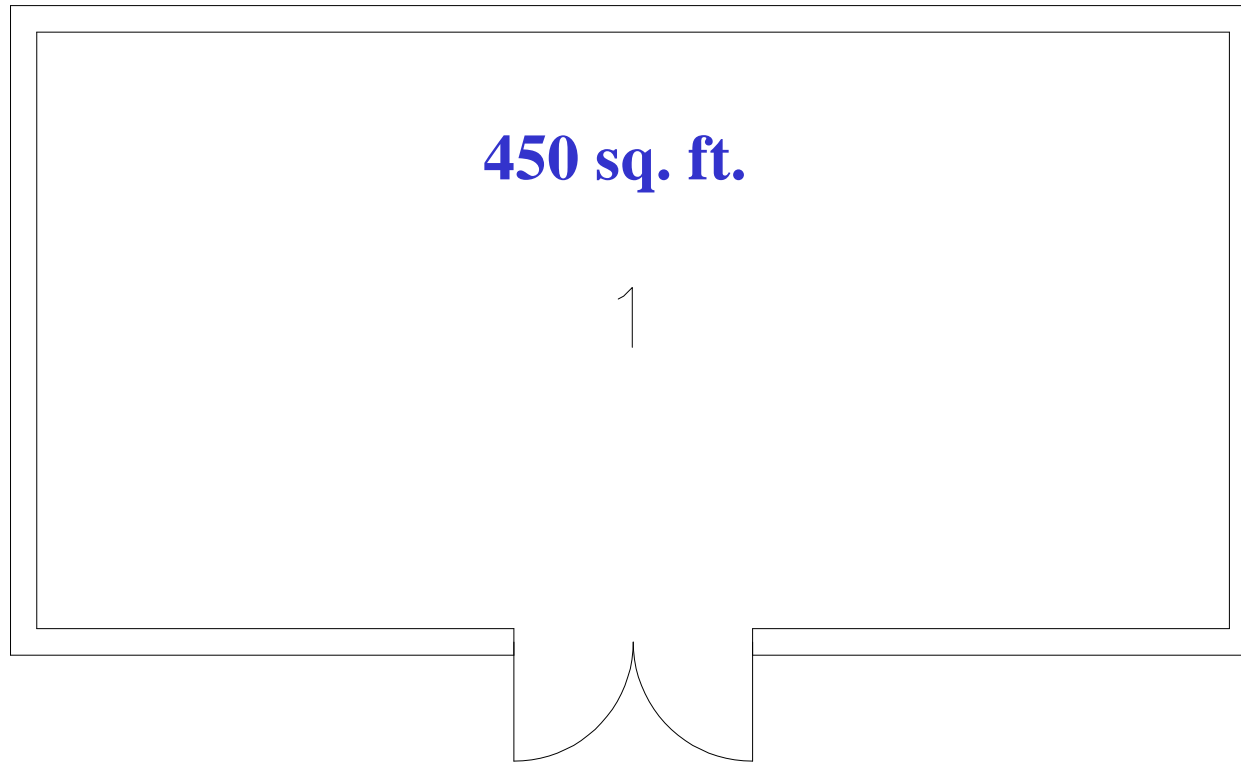
BUILDING 2538 — FIRST FLOOR

<u>Room</u>	<u>Sq Ft</u>
01	29
02	18
03	325
04	196
05	160
Total:	728

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-35

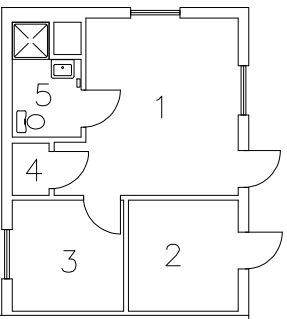
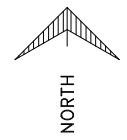
Storage Facility



BUILDING 2542 — FIRST FLOOR

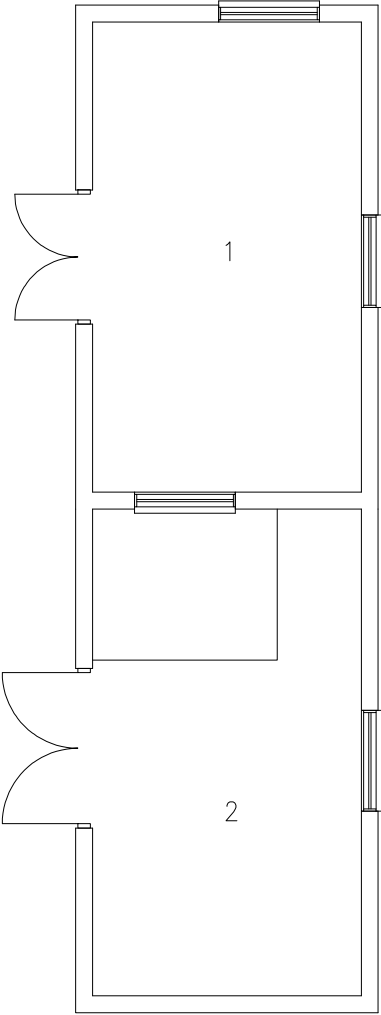
Wash Rack

<u>Room</u>	<u>Sq Ft</u>
01	189
02	80
03	81
04	13
05	44
06	5,333
Total:	5,741



BUILDING 2550 — FIRST FLOOR

Wash Rack Office



<u>Room</u>	<u>Sq Ft</u>
01	199
02	206
Total:	405

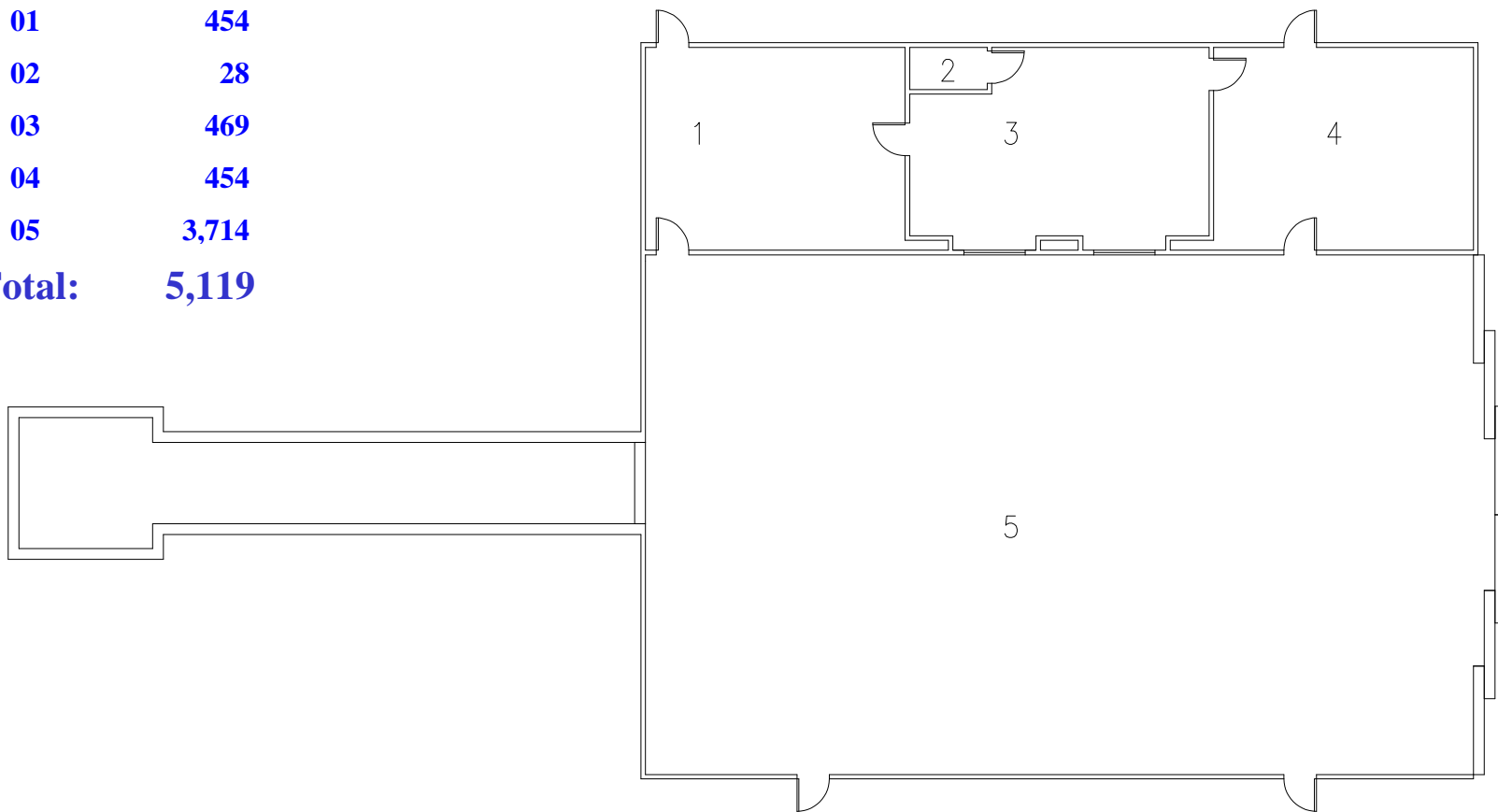
BUILDING 2552 – FIRST FLOOR

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-38

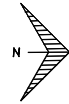
Hush House

<u>Room</u>	<u>Sq Ft</u>
01	454
02	28
03	469
04	454
05	3,714
Total:	5,119

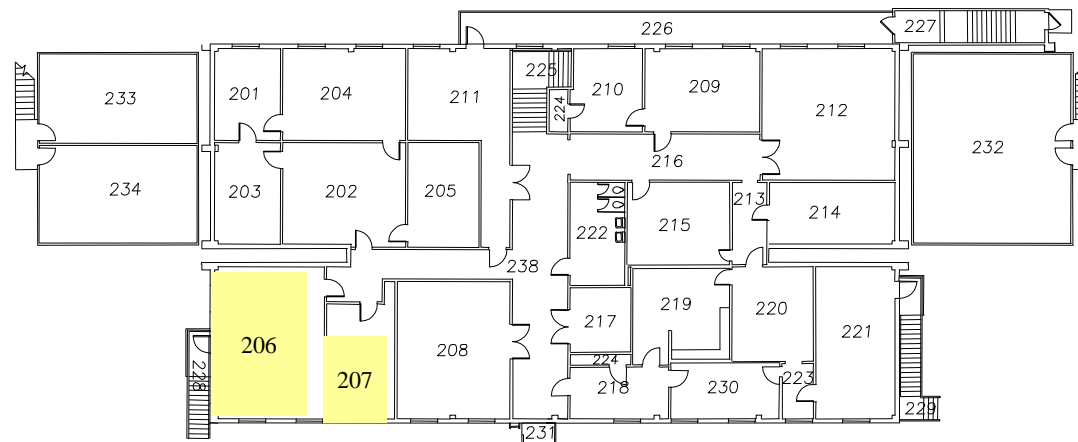


BUILDING 2556 FIRST FLOOR

Base Operations - Shared Occupancy



See next page for square footage.



SECOND FLOOR
BUILDING 1360

Transient Alert (Rms 206 and 207 only)

SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-40

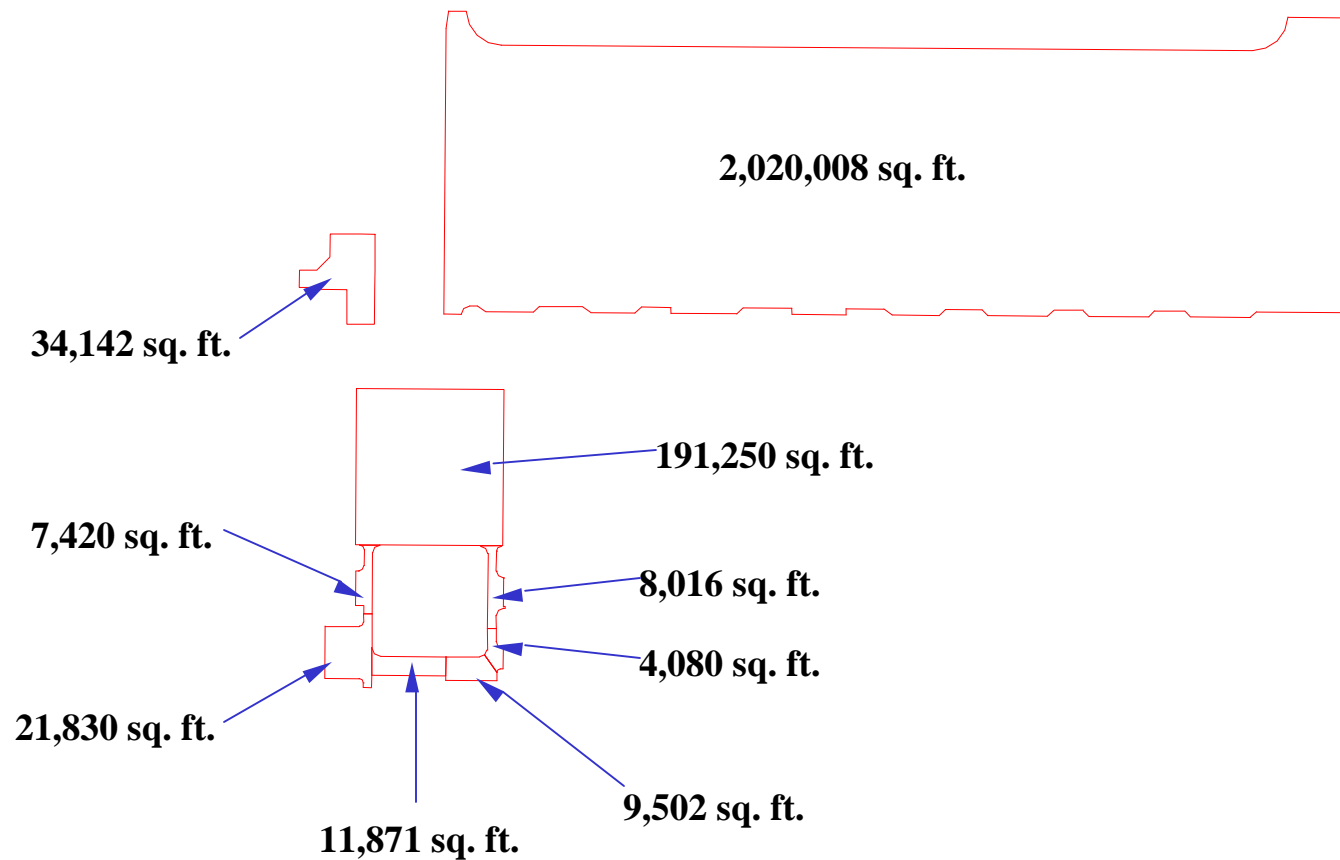
Base Operations - Shared Occupancy

Total Building Square Footage: 114,990

Service Provider Sq Ft Occupancy: 752

<u>Room</u>	<u>Current Usage</u>	<u>Sq Ft</u>
206	Transient Alert	507
207	transient Alert (Lockers)	245

Maintenance Ramp Area (in square feet)





SHEPPARD AFB AIRCRAFT
MAINTENANCE



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-44

Compass Swing Pad



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-45



SHEPPARD AFB AIRCRAFT

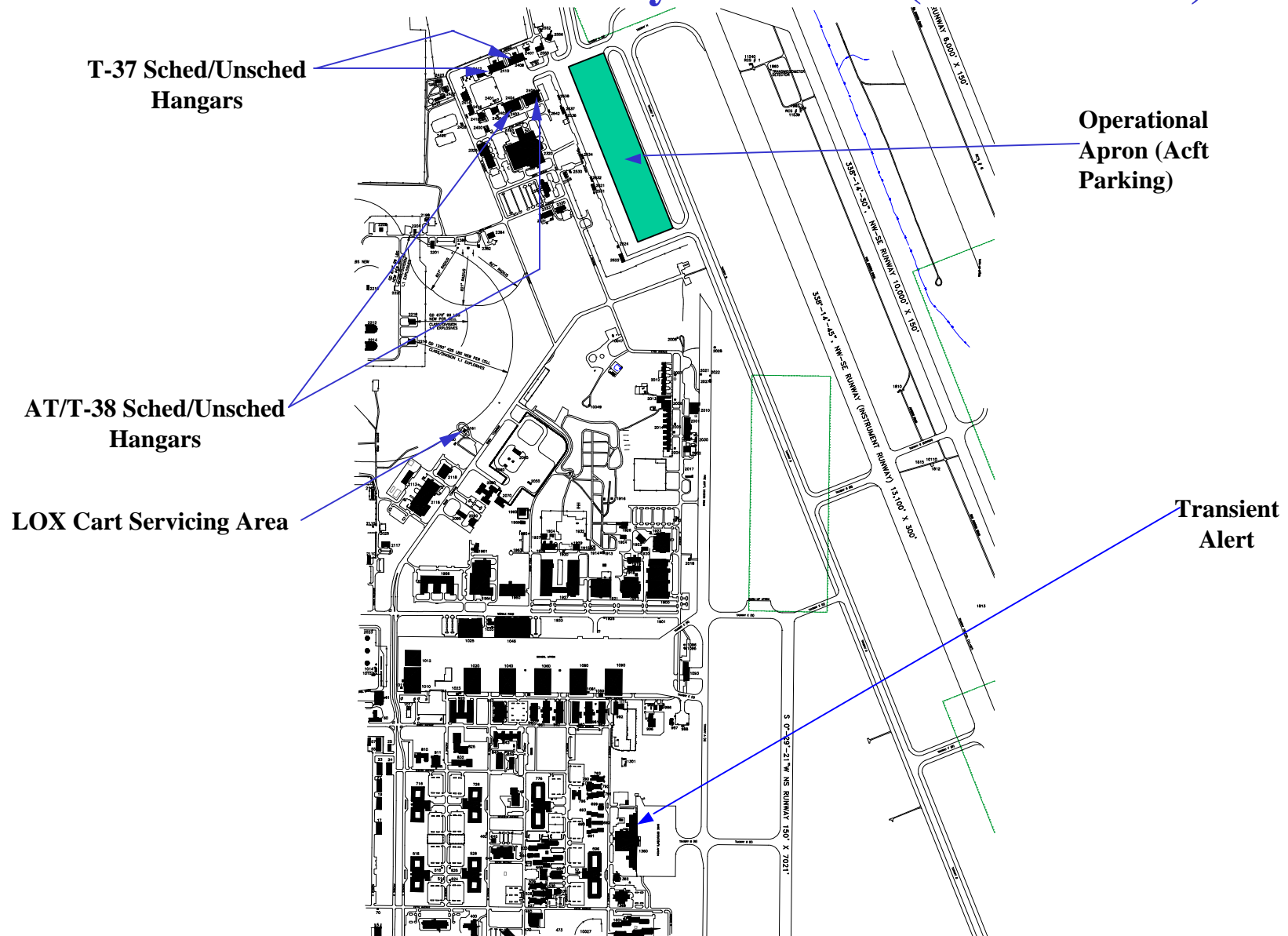
3C-46



SHEPPARD AFB AIRCRAFT

3C-47

Service Provider Facility Overview (All Inclusive)



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-48

Service Provider Facility Overview (Excluding Transient Alert)



SHEPPARD AFB AIRCRAFT
MAINTENANCE

3C-49

APPENDIX 3D

1. REQUIRED REPORTS

The following are some of the maintenance-related reports required.

TYPE	TO	FREQ	REQ'D BY
FOD Investigation Report	HQ AETC/LGM & 19 AF/LGM	Event	AFI 21-101 AFI 91-204 AETCI 21-101
Stall/Flameout Report	HQ AETC/ LGMTP & 19 AF/LGM	Event	AETCI 21-101
Rotating Component Failures	HQ AETC/LGMTP	Event	AETCI 21-101
Aircraft Inventory Reporting	HQ AETC/LGMA-AVDO & HQ AFMC/LGM-AVDO Wright Patterson AFB OH	Event	AFI 21-103
Monthly Flying Hours	HQ AETC/Randolph AFB TX FMAC/LGMA AVDO LGMMD/SEF	Monthly	AFI 21-103, AETC Sup 1
Dropped Object Report	HQ AETC/LGMMA & HQ AETC/LGM-AVDO & 80 FTW/LGM & 19 AF/LGM	Monthly	AETCI 21-101
Foreign Object Damage Minutes	HQ AETC/LGMTP AETC UPT Bases & 80 FTW/LGM	Quarterly	AFI 21-101 AETCI 21-101
Budget Input Requirements	80 FTW/CSR	Event	SOW
Quarterly Phasing Requirements	80 FTW/CSR	Quarterly	SOW
Historical Report	80 FTW/HO	Semiannual	AFI 36-2863
TYPE	TO	FREQ	REQ'D BY

SHEPPARD AFB AIRCRAFT MAINTENANCE

Quality Support Monthly Summary	80 FTW/LGM	Monthly	SOW
Aircraft Maintenance Contractor Key Personnel List	82CONS/LGCA	Event	SOW
Unusual Mishap/ incident Occurrence	HQ AETC/LGM & 19 AF/LGM	Event	AETCI 21-101
Trend Data Reports	80 FTW/SE	As required	AFI 91-204 AETC Sup 1
Precious Metals Recovery Report	82 LS/LGSSPP	Semiannual	SAFBI 23-102
Deficiency Reporting MDR/QDR/PQDR, etc.	HQ AETC/LGMMQ	Event	TO 00-35D-54 TO 00-20-3 AFI 91-204
19 AF Status Report	19 AF/LGM	Weekly	AETCI 21-105
AFTO Form 22	HQ AETC/LGMMQ	Event	TO 00-5-1 AETCI 21-101
AFTO Form 135	HQ AETC/LGMMQ	Event	TO 00-20-3 TO 00-20-195 AETCI 21-101
J-85 First Stage Blade Inspection	HQ AETC/LGMTP	Monthly	AETCI 21-101
PMEL Data (HAF-LG(SA	AGMC HQ AETC/LGMT	Semiannual	TO 00-20-14
Current List of employees	82 CONS/LGCA	Event	SOW
Toxic Release Inventory	HAZMAT Pharmacy	Quarterly	SOW
TYPE	TO	FREQ	REQ'D BY

SHEPPARD AFB AIRCRAFT MAINTENANCE

Maintenance Logistics Indicators Report	HQ/AETC/LGMMA	Monthly	AETCI 21-101 AETCI 21-105
GAF Owned Aircraft Flying Hours & TCTOs	HQ/AETC/LGMA & HQ/AETC/AVDO & 80 FTW/LGM	Quarterly	AETCI 21-105
List of flammable Lockers with contents	HAZMAT Pharmacy	Event	SOW
L-Code TCTO Inspection	HQ/AETC/LGM & 19 AF/LGM & 80 FTW/LGM	Event	SOW
List of Flammable Lockers with contents	HAZMAT Pharmacy	Event	SOW
One-time Inspections	HQ/AETC/LGM & 19 AF/LGM & 80 FTW/LGM	Event	SOW
Gold-Way Cross Tell (RCS: AETC-LGM (Q) 9401)	HQ AETC/LGM and all AETC units transmitted electronically	Quarterly	AETCI 21-111

SHEPPARD AFB AIRCRAFT MAINTENANCE

APPENDIX 3E

1. COLLATERAL TASKS (Additional Duties)

The following are collateral tasks required to be performed by the contractor. Each requires a Letter of Appointment (LOA) or a Letter of Designation (LOD) specifying individuals to perform each duty:

TYPE	FREQUENCY	REQ'D BY
Vehicle Control Officer (VCO)	Initial & Upon Change	AFI 24-301
Safety Officer	Initial & Upon Change	AFI 91-202 80 FTW Sup 1 and AFMAN 91-201
Disaster Preparedness Officer	Initial & Upon Change	AFI 31-101
Disaster Preparedness Group Member	Initial & Upon Change	AFI 31-101
Supply and Equipment Custodian(s)	Initial & Upon Change	AFMAN 23-110 Vol 2
CSSO	Initial & Upon Change	AFI 33-202 80 FTWI 33-101
CAMS Data Base Manager	Initial & Upon Change	AETCI 21-101
ADPE Equipment Monitor (Custodian)	Initial & Upon Change	AFI 33-112
Software License Manager	Initial & Upon Change	AFI 33-114 & AETC Sup 1
Land Mobile Radio NET Manager	Initial & Upon Change	AFI 33-106
Telephone Control Officer	Initial & Upon Change or Annually	AFI 33-111
Customer Account Representative (CAR)	Initial & Upon Change	AFI 37-161

TYPE	FREQUENCY	REQ'D BY
Facility Security Manager	Initial & Upon Change	AFI 31-601
Building Custodian	Initial & Upon Change	SAFBI 32-1024
Foreign Object Damage Officer	Initial & Upon Change	AETCI 21-101
Functional Area Records Manager (FARM)	Initial & Upon Change	AFI 33-322
Unit Plans Representative	Initial & Upon Change	AFMAN 10-401
Security Manager	Initial & Upon Change	DOD 5200.1R AFI 31-401 80 FTW 31-401
Controlled Area Monitor	Initial & Upon Change	AFI 31-101 SAFBI 31-201
Radioactive (Safety) Officer	Initial & Upon Change or Permit renewal	AFI 40-201
Individuals to be Issued Customer Receipt	Initial & Upon Change	AFMAN 23-110 VOL 2
Precious Metal Monitor and Alternate	Initial & Upon Change	AFMAN 23-110 CD
Precious Metal Harvesting Witness	Initial & Upon Change	AFMAN 23-110 CD
Precious Metal Witness Not Involved with Precious Metal	Initial & Upon Change	AFMAN 23-110 CD
Reserved		

TYPE	FREQUENCY	REQ'D BY
Key & Lock Custodian	Initial & Upon Change	SAFBI 32-1024
Contingency Support Staff	Quarterly	80 FTWI 10-201
Technical Order Distribution Officer	Initial & Upon Change	AFPD 21-3 AETCI 21-101 TO 00-5-1
Historical Report Monitor	Initial & Upon Change	AFI 36-2863 AETCI 21-101
Privacy Act Monitor	Initial & Upon Change	AFI 37-132
Freedom of Information Act Monitor	Initial & Upon Change	DOD 5400.7
Individual to Receive/ Turn in DRMO	Initial & Upon Change	AFM 23-110 CD
Individual authorized For receipt/ notification of messages	Initial & Upon Change	AFI 33-113
Individual authorized To sign Accountable Container Receipt	Initial & Upon Change	AFI 24-202
Unit Environmental Coordinator	Initial & Upon Change	SAFBI 32-7001